

8	27364	92836	69428	61268	74982	46498	32764	31277
86	40932	70987	32123	49817	26346	81287	65491	87364
721	75654	55656	12737	72727	72727	91918	63473	67867
723	87629	37677	32612	53498	71296	28756	18276	98716
269	76329	74698	76857	98670	27601	56701	57601	73648
711	87364	87265	96710	27630	12673	84769	28743	98127
78	63298	75698	27465	87326	49876	28376	81273	98615
77	87432	74328	78674	29867	32867	67867	86786	43286
77	68768	68763	34234	34238	68768	62342	48273	48768
706	98432	32432	86743	43286	43286	43286	43286	43286
743	86743	86743	39867	32867	86743	43286	43286	43243
74	86743	86743	86743	86743	86743	86743	86743	86743
792	98798	98754	98754	98754	98754	29867	67543	67986
76	87698	69876	87698	69876	87612	12341	34867	86798
7	43298	65656	56756	56123	32143	14321	32143	14321
777	58765	76587	58765	76587	58765	76587	58765	76587

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #323, August 2024

Editor: Ary Boender email: udxf@udxf.nl

Numbers & Oddities <http://www.numbersoddities.nl>

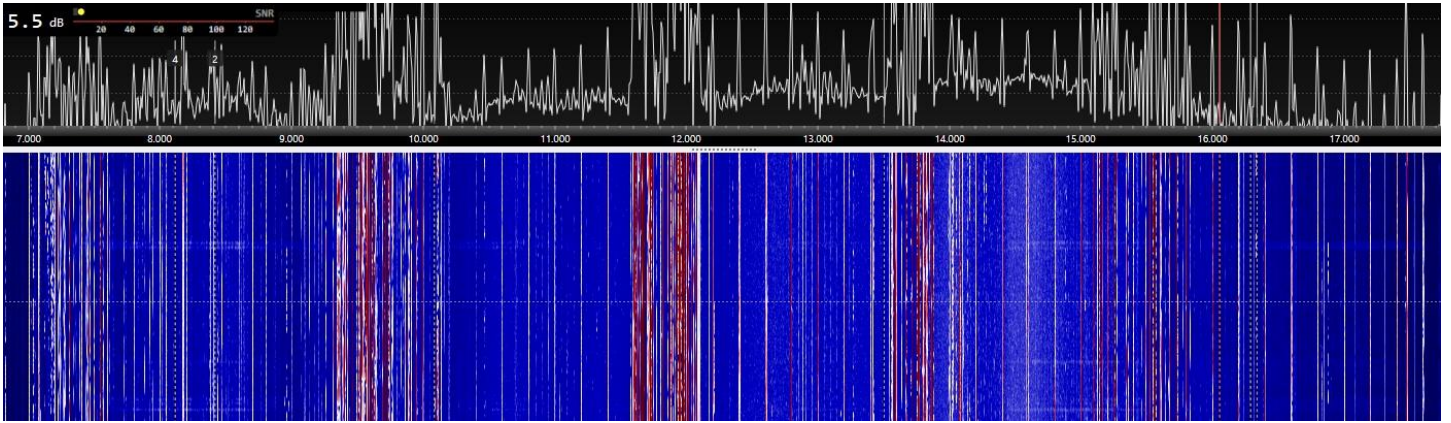
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

"Numbers & Oddities" covers the fascinating world of Numbers Stations and other odd radio signals on shortwave.



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FOREWORD

As so often, I was very busy with everything but N&O in the past few weeks. Besides that I received a large amount of logs and recordings at the end of the month and it takes time to listen to them and to sort everything out.

So, it's a bit late, but here's the new edition of N&O. I hope that you will find it interesting. You can expect that N&O always will be late in the coming months.

Some highlights:

-  PY logged a large amount of F06 and F06a transmissions and a very odd F01 transmission. The Pacific F01 and F06 schedules are always fascinating.
-  Alpha collected the V13 schedules and Fspy sent us many V13 transcripts.

HM01 has been silent since August 24th,

Thanks to all contributors. Your input is greatly appreciated.

VOICE STATIONS

E06

13540/16116 kHz, 01-08/02-08, 0500/0600 UTC

210 468 53
23467 56966 27868 65978 64448 90832 90322 87566 07437 73515
54838 27660 05553 02623 44491 53822 12463 50764 18684 19869
56299 28892 58630 39077 14462 54053 74825 65259 37729 63707
47415 38387 97125 43824 35425 74455 51990 62934 15763 04266
62656 29326 37948 90829 96210 13574 05508 80071 98757 03582
19960 64519 32611
468 53 00000

13540/16116 kHz, 15-08/16-08, 0500/0600 UTC

210 938 54
02606 85938 05185 97168 75022 74880 56737 51919 47684 02570
66214 00067 20264 64816 74850 33698 57758 84420 60792 39222
45602 30533 54618 68725 15205 90050 15114 12600 75823 70767
63741 65624 13733 40939 01230 03693 44606 34968 54742 13373
30066 79886 29038 41485 94327 22324 60081 56888 01874 60660
94526 41661 82115 12033
938 54 00000

E07

13519/14819/15919 kHz, 1410/1430/1450 UTC

13519/14819/15919 kHz, 01-08/03-08, 1410/1430/1450 UTC

288 288 288 1 397 107 397 107
89896 61903 21245 18399 42837 96244 56892 68270 99279 57943
05677 68140 02515 17503 77749 45404 28140 19950 44258 25297
87253 65581 99337 12208 51830 94114 69502 03307 49677 64545
28274 43448 00199 62865 47075 93784 13400 32522 97815 76007
94270 12761 07999 13370 76357 28607 40175 56246 20595 76121
54568 00321 70424 28574 21126 11548 16983 22676 49182 80242
16731 00202 02396 59951 52826 77657 46064 81158 85216 13046
98235 33977 86519 89944 55233 97661 07782 22625 78227 60476
83286 82783 86256 20824 11009 95205 92788 58686 58495 95746
24725 81861 76333 81784 43273 76975 15133 13064 13623 16910
28522 74468 77384 70345 02779 35611 84159 000 000

13519/14819/15919 kHz, 15-08/17-08, 1410/1430/1450 UTC

288 288 288 1 2148 92 2148 92
28819 23012 40600 48900 94136 65068 02652 24785 12611 15117
32021 31581 27693 60821 09814 96391 16859 41397 32945 39400
04951 95903 17457 36291 76849 75369 28697 77432 96982 94551
30894 83137 86784 30441 25366 51938 51014 78151 03042 87198
33927 42319 00228 25499 01095 21354 01892 36231 74973 67711
41693 66040 59948 22966 68597 98272 96982 79963 07628 51127
97220 37002 97404 96465 74879 07627 74429 12758 03750 75903
26326 48917 11619 38225 33936 21352 02446 95088 57047 89819
19421 76148 72831 95837 36315 28020 07006 64435 57521 52560
37807 83104 000 000

13519/14819/15919 kHz, 29-08/31-08, 1410/1430/1450 UTC

288 288 288 1 9317 111 9317 111
15723 99265 01787 69602 91577 98241 03283 22127 40049 35648
94700 26018 55396 98797 69952 44581 01096 94245 33536 66876
80824 97364 56709 17309 53917 11894 12934 57319 00236 91191
70804 60967 56962 89788 68795 13544 69105 14545 26517 37746
99364 03015 71189 11027 80804 04476 72430 54588 38368 42136
86652 62709 50002 02668 69819 76649 15377 06533 73150 92977
74453 29924 97302 93370 66151 93113 04078 00342 28734 16704
67162 39598 57383 91118 60141 88883 18032 62132 00065 18009
75491 03144 11994 33322 50588 46552 81260 37333 60953 97143
30576 04755 57313 03953 25674 81812 74283 20307 52179 55086
28217 11835 37311 14410 51930 37911 09945 36606 88486 51905
34908 000 000

17453/18353/19253 kHz, 1500/1520/1540 UTC

17453/18353/19253 kHz, 06-08/09-08, 1500/1520/1540 UTC

432 432 432 1 464 128 464 128
24157 13662 94436 68730 01239 19120 51951 84967 17177 01113
83405 79019 87631 12227 66335 87153 75073 88944 21244 91845
45724 76172 47957 27375 16609 06850 80186 31791 59584 24301
11865 55432 36015 35330 80982 17710 35430 65310 07016 04140
18429 50778 52009 43224 01619 35028 88811 85956 04006 22915
44293 17158 06321 39065 50807 71436 90867 10207 25746 12109
24708 02780 60255 02242 38122 59905 99419 66055 53292 02286
34518 93058 75315 55996 58080 70175 16735 80491 67567 29761
97012 67626 66527 00266 45732 75302 58007 73040 47519 37897
32588 06287 85771 92620 55320 63390 99391 13525 43996 94726
95093 77072 97291 66722 88842 43809 43831 36735 63968 81508
76617 89964 96252 25769 87617 11990 32596 15968 97590 38237
93651 42002 33197 88984 00982 75122 97981 96074 000 000

17453/18353/19253 kHz, 20-08/23-08, 1500/1520/1540 UTC

432 432 432 1 5120 144 5120 144
60485 71832 54160 03314 80647 28218 40726 85847 39290 07628
10149 52429 54555 18708 22168 21200 70286 72771 87651 14499
00022 36612 71991 91595 82165 64770 54669 59505 73738 69132
66587 01034 58232 93631 92445 20142 62504 72487 62819 79696
86802 79938 93274 00070 20701 36595 40138 53446 91002 38075
00726 85793 14626 81733 11710 65026 95676 88125 58755 66822
18039 16966 61217 97030 63265 67553 26523 17458 60962 69712
19489 24054 39094 25243 74280 01071 73052 39050 72676 34514
32556 37629 86216 76112 72120 52552 46359 23391 88339 95877
36598 67005 70222 18809 54569 12190 70694 40747 76305 19885
10313 71452 58284 48579 60444 94088 86476 59330 43226 34015
42517 83028 75999 00883 21451 16465 75421 55810 97524 29594
69048 36332 20785 23615 82519 33524 43482 88385 76130 18268
24415 27838 75688 01250 05284 96807 34783 97545 60327 64473
16604 31296 25937 86872 000 000

6252 kHz, 01-08/02-08, 0820 UTC

435/33 Attention

91926 39209 51354 38078 73881 99087 21945 56263 56059 12699
64192 67455 85973 81092 56182 42161 87058 09610 24390 91861
03724 49358 49477 29935 41592 33327 13538 15029 69036 74083
21383 41611 11073

Attention (message repeated) Out

10356 kHz, 01-08, 1530 UTC

Test tone at 1520z. No transmission

7469 kHz, 05-08, 0450 UTC**8088 kHz, 08-08, 1730 UTC**

414/34 Attention

01883 23542 41581 04728 73129 89119 22931 87928 75996 97786
02042 36392 71753 14172 13082 95725 34819 31184 07307 82778
99453 03140 14865 63832 49174 01163 41142 90608 79638 99693
90712 76323 79587 75235

Attention (message repeated) Out

15915 kHz, 05-08/07-08, 0715 UTC

751/37 Attention

28029 82535 90686 46770 89227 36229 80526 76562 75658 30747
64419 63303 24446 34821 53785 62876 14904 45090 71977 02696
21644 69696 73829 91819 19242 56994 77677 97170 75610 57038
62500 74074 47229 49781 22004 76942 70963

Attention (message repeated) Out

16335 kHz, 05-08/09-08, 0830 UTC

183/39 Attention

79448 51112 62196 44760 97786 30878 80525 96945 78601 18170
74067 91807 34502 81152 64014 49042 05038 76704 50198 84254
97703 58599 30793 17948 28600 37918 52116 16128 95030 08447
42212 09649 89761 57665 09272 15747 12599 17932 48863

Attention (message repeated) Out

14410 kHz, 05-08/11-08, 1745 UTC

244/31 Attention

14521 85124 04118 54525 54313 63648 75179 39338 30451 45088
69149 95605 51434 25890 70340 24819 45516 26817 53148 57134
86832 25181 62345 24298 76607 43937 90276 16150 19456 59398
41257

Attention (message repeated) Out

8091 kHz, 06-08/08-08, 0645 UTC

514/35 Attention

05504 81762 19774 59543 51200 28647 80492 98582 74082 47204
17901 39930 36707 64225 73489 83470 34497 37835 18262 80793
65225 15646 55012 96915 42116 06287 37151 39072 46046 76470
02552 39860 58656 14168 58260

Attention (message repeated) Out

8680 kHz, 06-08/09-08, 0700 UTC

574/38 Attention

61387 40039 82337 52604 15030 13406 99936 21722 78872 37236
64970 63850 87907 80196 12424 46719 98839 32667 75882 40223
60845 33176 50309 00368 58845 49981 59189 63187 91096 34291
95459 32619 97603 37401 35160 28149 95102 80785

Attention (message repeated) Out

12984 kHz, 06-08/10-08, 1430 UTC

912/34 Attention

77371 80014 06401 53766 69555 98782 75940 15893 41296 52521
72287 76447 56227 64106 57325 78246 38939 98934 17213 18509
77073 70523 69054 12947 06035 02337 19486 01132 81431 56902
41371 72625 89264 02814

Attention (message repeated) Out

5231 kHz, 06-08/11-08, 1605 UTC

230/32 Attention

77361 84608 58830 17216 78788 17814 08744 23529 09538 63495
11669 61180 44772 62095 03818 09823 72462 14820 45892 58885
19408 70591 39788 33242 71747 54676 29752 86849 17825 41126
94066 83251

Attention (message repeated) Out

14575 kHz, 06-08/08-08, 1645 UTC

330/32 Attention

79918 83217 69597 91404 58587 47782 94824 54662 72463 27930
12802 93253 74663 81313 45136 00917 81770 29831 50975 78619
66423 11439 16079 03595 49979 38893 00799 72922 39424 81164
39481 58660

Attention (message repeated) Out

19184 kHz, 08-08, 0846 UTC. Late start

Briefly P03, then 150/00 Out.

12815 kHz, 12-08/14-08, 0845 UTC

715/32 Attention

42466 32742 12798 58527 97233 80546 30166 90227 48234 77092
77033 71286 17152 18566 13642 04600 66351 40942 53365 79260
70662 97880 71570 79684 32475 05043 93099 62226 16550 31640
03574 60217

Attention (message repeated) Out

10210 kHz, 12-08/14-08, 1045 UTC

696/32 Attention

58653 57972 66390 18353 89137 62475 83963 02160 18376 35457
09288 15371 48269 07148 18879 56322 35371 53317 68486 14141
12991 74253 99808 64952 82618 51066 18058 53718 66036 19185
25886 98947

Attention (message repeated) Out

17378 kHz, 13-08/14-08, 0820 UTC

132/44 Attention

35178 49348 91749 22193 20232 89237 41325 94283 54430 41714
65183 71946 49827 60269 77479 12906 16212 86626 08908 38536
34000 04008 16924 06775 94761 47874 55674 72000 52091 59354
72803 48850 78712 50839

Attention (message repeated) Out

8274 kHz, 13-08/14-08, 1205 UTC

462/36 Attention

40359 51522 38969 16562 72368 99512 43680 40231 59607 69561
02460 69274 08616 77402 10811 03005 50544 97404 33731 70850
21805 64247 93442 07122 17555 73702 73935 98698 21862 26673
05442 28454 24165 41230 87822 68569

Attention (message repeated) Out

9150 kHz, 16-08/18-08, 0600 UTC

355/37 Attention

53131 01929 97741 06030 59575 22306 55324 89096 33848 05875
64806 92979 00100 60982 72904 03312 40162 83255 22119 58091
13122 64643 90742 66979 53611 56245 64033 53169 12204 71106
22164 52442 05174 58384 88493 46200 53290

Attention (message repeated) Out

12229 kHz, 16-08/18-08, 1815 UTC

929/33 Attention

46141 50910 50655 11895 18511 37645 98895 31461 78513 66301
37207 18769 51235 99086 23772 34429 97626 66543 64075 53008
94851 53695 36923 87865 43543 06050 28569 67737 74179 04738
57472 91128 01340

Attention (message repeated) Out

9610 kHz, 16-08/18-08, 1910 UTC

617/39 Attention

95579 70127 66004 26675 24796 45665 67988 34195 25248 61680
71593 89302 06286 73976 88670 61089 78894 51489 35190 69532
50061 50379 37939 47657 21072 55239 52523 74294 30328 51140
10788 64749 31594 10524 54345 05638 65362 74546 27564

Attention (message repeated) Out

7377 kHz, 17-08/18-08, 0700 UTC

497/33 Attention

16467 21527 94186 99001 06498 53362 24494 45159 27276 27503
14616 85546 48034 18302 56016 89760 46391 31470 97241 10913
31107 39204 85220 70917 18832 10709 42586 14271 62768 15161
23115 32172 05927

Attention (message repeated) Out

5082 kHz, 17-08/18-08, 1645 UTC

363/36 Attention

86946 22670 82886 37479 55568 79481 14313 40411 42186 69058
74723 01859 19732 61746 53223 67925 77163 68202 29979 03109
52880 57889 37875 50078 85175 43245 24551 89066 80283 97540
67626 74443 31856 48750 41129 15301

Attention (message repeated) Out

9610 kHz, 19-08, 0745 UTC / 10356 kHz, 22-08, 1530 UTC

269/36 Attention

64403 96571 29263 40791 63936 38406 00451 39442 87202 81350
16254 39010 76022 35474 90251 93543 40297 41089 22751 17567
69169 95338 24786 22680 03811 30998 28520 33719 05760 04654
25196 03255 62939 69940 18449 63326

Attention (message repeated) Out

7600 kHz, 19-08/22--08, 1900 UTC

646/32 Attention

11810 13371 76076 13973 62867 00064 76397 63611 05013 30122
62529 19138 66331 34083 79281 73811 51500 54536 92193 90320
44018 62653 82528 87536 77330 46050 93380 95656 73058 55958
58125 71193

Attention (message repeated) Out

12530 kHz, 20-08/22-08, 0715 UTC

635/34 Attention

45336 08736 79089 27510 73495 81220 50623 74050 06071 51946
27978 46643 92077 57270 10180 09816 42171 06938 59880 66183
53500 90642 29563 11580 26971 31758 76198 60653 99207 20595
28146 77148 91261 83442

Attention (message repeated) Out

6923 kHz, 21-08/22-08, 0930 UTC

271/38 Attention

31079 22481 23283 15212 25080 48179 32434 04886 36686 39925
07662 78232 72886 17999 25180 06191 56684 34165 94973 22102
79909 48487 83394 99429 72153 80621 84166 52350 14426 68579
63863 07572 67280 09059 92676 65359 58693 23285

Attention (message repeated) Out

4783 kHz, 21-08/24-08, 1610 UTC

392/40 Attention

76310 13892 25040 05664 98509 64784 35626 78409 48359 43646
11350 76199 70388 23009 93925 42302 94533 39471 49066 50669
45766 76325 71560 54240 28055 89204 36065 95260 80468 59708
89630 48735 20620 33869 90412 61703 82167 96552 29729 02982

Attention (message repeated) Out

5737 kHz, 22-08, 1300 UTC

316/31 Attention

22327 40204 92191 38226 80141 85602 51432 25639 49991 61493
63839 06469 86057 32902 34184 91054 73052 87230 46891 83956
98309 10140 30115 23005 65035 77596 78975 51497 12163 76985
74150

Attention (message repeated) Out

5409 kHz, 22-08, 2000 UTC. The fifth group was sent as "5" during the repeat of the message

5409 kHz, 25-08, 2000 UTC

522/37 Attention

44846 75835 79786 54734 38375 26268 41459 49143 31548 26662
76052 31734 13334 21350 74593 61115 61383 66683 14520 01465
45248 80525 75659 33718 13489 49741 76099 99762 71835 20329
03580 57901 12971 73678 25468 16233 04719

Attention (message repeated) Out

20170 kHz, 26-08/28-08, 0600 UTC

945/34 Attention

90543 46732 99274 50030 73938 64877 31316 53985 69537 56862
60634 53019 87347 21196 24968 08057 35140 05342 22061 18409
10182 04380 39018 31838 19900 55643 45825 01790 66286 00325
44191 55043 34264 07305

Attention (message repeated) Out

14940 kHz, 27-08/30-08, 0745 UTC

228/33 Attention

08137 40618 14514 99285 36201 26356 27883 80427 42412 58866
98163 30463 95197 45445 03172 21606 45932 04190 28236 11381
95116 08075 76512 83503 38294 88420 88265 01781 40933 02003
91359 81799 08289

Attention (message repeated) Out

19184 kHz, 27-08/30-08, 0845 UTC

155/34 Attention

86336 06729 18578 87017 91172 23194 38507 06002 39891 79459
90080 54908 24060 22881 30093 03909 66402 82247 63083 86443
80639 67222 59047 66687 95737 47628 42813 82011 45985 11475
46629 03647 34680 95949

Attention (message repeated) Out

12153 kHz, 27-08/30-08, 1000 UTC

302/25 Attention

18069 55813 04808 60131 11048 17120 22285 46678 06439 74427
41182 42842 24696 75958 96379 87991 82725 43709 14568 69647
00327 83360 01887 95485 83019

Attention (message repeated) Out

15720 kHz, 28-08/30-08, 0745 UTC

347/36 Attention

00665 59042 64207 26968 46372 60462 69072 63136 42006 60255
57378 13091 49735 13721 59566 38045 37431 56700 08683 98055
03727 29607 16788 64646 70049 53234 60659 44443 18255 43403
77184 91163 85496 12467 00703 79387

Attention (message repeated) Out

7863 kHz, 28-08/30-08, 1715 UTC

976/36 Attention

70614 06437 81467 95364 83312 45871 04763 74841 07480 74226
25363 53405 29050 39541 88774 39360 76221 80232 44743 05886
63270 81340 92701 70479 32844 38889 99649 27888 77017 39067
24372 60154 83501 50757 54374 50229

Attention (message repeated) Out

S06

11616/9322 kHz, 01-08, 0400/0420 UTC

480 573 60

95775 91715 20145 59579 36386 09518 00405 04531 16429 71223
41679 01091 82467 79250 79072 14878 88165 04718 57222 89285
26432 66937 21490 70128 96434 87212 80715 88206 60162 90398
08753 35717 68219 52645 76958 97446 59557 18779 34827 22691
64809 37742 80951 48832 67930 89540 91513 12515 05826 02135
98474 09354 10656 81703 35658 88121 24497 04731 87925 90340
573 60 00000

11616/9322 kHz, 02-08, 0400/0420 UTC

480 480 480 00000

11616/9322 kHz, 05-08/06-08, 0400/0420 UTC

480 629 51

24117 40828 36206 09614 71387 39587 30607 27524 04810 97836
36425 23912 95404 54934 46718 20391 07858 92384 34410 83610
60544 02727 40494 85013 18080 21024 75221 25540 08573 79886
36968 48704 82774 73965 78463 90491 57312 44862 75070 39511
09186 22380 74805 05835 13728 83063 34778 21967 74308 11960
73754

629 51 00000

11616/9322 kHz, 07-08/08-08, 0400/0420 UTC

480 315 27

61276 10812 35535 70768 61981 03076 07648 20742 36142 81581
69822 35624 09419 36317 55480 74886 15951 96945 82731 53071
23453 52008 19160 07491 90429 28778 49837

315 27

480 762 29

00814 68652 63122 13741 92569 12401 49974 04857 13978 56309
92438 24652 14692 90322 23610 30476 15794 66604 13074 89068
20115 19893 12428 22953 37891 64517 84113 73309 94928

762 29 00000

11616/9322 kHz, 09-08, 0400/0420 UTC

480 480 480 00000

11616/9322 kHz, 12-08/13-08, 0400/0420 UTC

480 195 60
95476 09132 13771 95381 03442 08453 05426 16685 64073 76994
49167 11180 68507 24121 35259 22347 69978 70078 10311 85163
28000 10656 19360 30261 97960 08906 83210 64370 02065 93599
09463 19216 42560 69107 60668 86053 43182 66396 28060 78044
29769 89821 84273 87643 85963 39415 13521 31203 44959 13342
42639 97958 03212 20223 21455 45612 67064 56014 25902 09667
195 60 00000

11616/9322 kHz, 14-08/15-08, 0400/0420 UTC

480 632 26
79756 65957 54817 84127 59361 22146 10087 49575 19513 24480
14690 62559 60749 44569 46386 84401 29795 91593 03584 47682
59737 56950 48327 59919 57184 93762
632 26
480 571 30
34477 69936 85657 63345 06979 25072 59925 04875 51820 66390
07833 29801 97419 69452 49545 25730 90772 89037 32953 77123
54161 11431 38876 10016 02504 09936 02363 17306 63543 14547
571 30 00000

11616/9322 kHz, 16-08, 0400/0420 UTC

480 480 480 00000

11616/9322 kHz, 19-08/20-08, 0400/0420 UTC

480 923 51
62999 24998 95041 89765 32246 45492 23811 39998 89853 38322
74692 42051 08152 19107 70689 10419 32048 49565 81303 72180
69767 09968 78562 15873 80962 58407 27129 10771 16842 50325
75669 32515 92168 16728 41694 56025 93376 24532 07027 01641
53203 67478 66123 45411 45822 61043 94391 29494 82588 39800
28733
923 51 00000

11616/9322 kHz, 21-08, 0400/0420 UTC

480 291 48
47382 99250 21776 44667 57249 69811 00916 23113 18589 98909
42682 34716 97378 31410 71277 74867 17530 93310 56902 88114
44425 09681 91685 91514 20459 43112 15699 48484 53017 60391
54009 97818 78344 29003 50712 67581 49712 55167 10863 28536
23362 07153 86264 66823 40615 19681 66039 80560
291 48
480 765 11
18523 84617 89575 76765 99516 46446 67690 35535 51043 75961
92163
765 11 00000

11616/9322 kHz, 22-08, 0400/0420 UTC. Same message as yesterday but in reverse order.

480 765 11
18523 84617 89575 76765 99516 46446 67690 35535 51043 75961
92163
765 11
480 291 48
47382 99250 21776 44667 57249 69811 00916 23113 18589 98909
42682 34716 97378 31410 71277 74867 17530 93310 56902 88114
44425 09681 91685 91514 20459 43112 15699 48484 53017 60391
54009 97818 78344 29003 50712 67581 49712 55167 10863 28536
23362 07153 86264 66823 40615 19681 66039 80560
291 48 00000

11616/9322 kHz, 23-08, 0400/0420 UTC

480 480 480 00000

11616/9322 kHz, 27-08/28-08, 0400/0420 UTC

480 376 52

18065 87601 49376 42693 26437 30684 03206 65552 17389 09237
17592 58775 55895 93335 43865 58785 97887 06652 95477 83299
59263 40266 60807 14129 23665 60323 85212 26181 81225 70483
27003 86080 15446 15085 17032 68870 80413 33978 76584 66203
35538 04942 73253 84479 29991 34653 19496 56368 54044 84115
43548 14139
376 52 00000

11616/9322 kHz, 29-08/30-08, 0400/0420 UTC

480 519 23

53222 71194 07811 19407 18725 40785 97288 30185 68353 61656
35496 41563 82341 93936 92882 29803 36996 69137 51879 06437
61916 70001 74899
519 23
480 267 30
35207 24170 03724 83005 51185 96835 03482 26738 08504 46543
16703 61867 57302 96421 96217 13464 02492 43859 68096 82559
77328 73602 15921 61256 89193 22918 25309 49101 67223 78480
267 30 00000

11616/9322 kHz, 30-08, 0400/0420 UTC

480 480 480 00000

S11a

9339 kHz, 01-08, 0700 UTC

Test tone at 0651z. Nothing else

16357 kHz, 05-08/07-08, 0510 UTC

654/39 Vnimanaye

99223 55455 56810 68700 61617 39957 56045 52839 40128 19520
70447 82169 16267 43169 13809 08836 76150 20110 86932 27305
01137 79887 12040 01683 48688 47975 94778 34955 99982 29854
65468 25419 86302 95482 10046 60295 02013 63029 43923
Vnimanaye (message repeated) Konets

9448 kHz, 06-08/09-08, 1400 UTC

429/36 Vnimanaye

82334 75729 26653 85259 80641 37868 28241 18552 33911 16791
10739 16917 69510 82948 24924 45935 77053 68053 22247 92795
42733 75169 96899 34843 51354 60681 47899 71759 29950 05879
35235 96083 17441 38827 72087 17968
Vnimanaye (message repeated) Konets

5149 kHz, 10-08/11-08, 0830 UTC

378/31 Vnimanaye

01445 71044 37627 25309 11624 92190 06887 45957 80483 99581
87082 30066 19106 44079 77015 43789 91456 84413 30381 66740
59658 46213 78051 91698 29037 74467 98124 08204 59218 61184
13770
Vnimanaye (message repeated) Konets

6814 kHz, 19-08/22-08, 0915 UTC

484/34 Vnimanije

53641 81520 90380 57103 84518 94342 64183 73036 17943 34398
22219 80078 84692 61298 70948 37467 78226 65072 73293 59440
69241 57188 54134 63736 08317 55585 86840 92149 35861 06637
18141 73827 55024 21358

Vnimanije (message repeated) Konets

12457 kHz, 21-08/24-08, 1850 UTC

281/33 Vnimanije

84778 94560 32331 10709 27525 61221 01066 97104 64080 62372
39281 88702 52343 91823 91674 57860 31689 48771 93834 08170
96863 18132 06228 89066 12620 92711 43134 97396 71464 22352
49719 60162 98742

Vnimanije (message repeated) Konets

9339 kHz, 26-08/30-08, 0700 UTC

471/34 Vnimanije

11120 33171 78201 07050 89894 92234 47592 27589 23357 31609
57664 80192 70982 27801 05471 31261 33329 71242 33704 52350
62070 92714 10460 50023 46333 58529 22169 79591 70469 18281
53831 26689 87759 35564

Vnimanije (message repeated) Konets

9968 kHz, 27-08/30-08, 0445 UTC

798/32 Vnimanije

42991 54568 81303 37287 20177 92685 28916 67619 54112 70727
07324 72272 03213 21274 99112 79847 40924 64985 71868 95040
82537 85982 75644 62720 00759 09184 13387 07749 21407 67982
00473 78496

Vnimanije (message repeated) Konets

20905 kHz, 28-08/30-08, 0725 IUTC

384/39 Vnimanije

06628 30977 09286 45744 85072 14558 09124 54729 92993 03126
86464 10905 80717 39380 40949 28486 21394 90748 07875 44734
81582 94392 81655 28251 68157 15301 50016 24633 82974 35719
52331 28630 54916 36801 82971 97933 10301 67325 52329

Vnimanije (message repeated) Konets

V07**13408/12208/11508 kHz, 04-08, 0700/0720/0740 UTC**

425 425 425 1 6221 127 6221 127

57037 05101 27409 01849 60426 43517 88857 70924 35056 59790
31253 97313 51216 60695 56649 86054 42547 50409 73952 50920
76579 87950 43341 54583 91892 81091 29679 41774 86349 97976
59995 66142 35894 75642 30370 68489 91292 06256 04384 79747
68766 29013 35811 80805 73885 82143 68299 42380 07457 55777
36414 07473 34791 64005 61838 23443 18391 22309 15764 35453
00585 03300 39240 70706 23325 59904 37875 91737 61917 51408
07570 59338 81875 62320 72198 25734 15983 20618 04705 04640
32834 79891 29397 21505 11212 75208 61524 99616 18117 19659
20279 46260 52928 60646 55700 57289 67376 12852 70834 23417
89403 01419 93119 83340 28595 93929 19404 11419 53524 92884
35334 51774 33018 24919 69427 20757 27044 55876 49677 28278
57616 94948 76013 20918 05577 41828 00303 000 000

13408/12208/11508 kHz, 11-08, 0700/0720/0740 UTC

425 425 425 1 8191 87 8191 87
 49590 18267 81120 45401 36861 85444 36115 74342 09038 53196
 60601 22029 86363 51210 86257 03313 27048 36182 72444 95322
 31126 22617 26138 48880 45278 50643 30326 93616 23550 30321
 32999 25390 43531 41226 85639 59998 74694 37292 34227 47736
 94529 14200 40015 16542 26177 72399 77091 08537 64116 48347
 55997 73262 47942 95627 51078 44922 13916 91162 32637 26615
 02545 62146 22528 23385 58200 66935 57398 91853 45603 71495
 01606 75001 90568 42295 08488 74061 05397 21879 44039 99943
 56326 80862 50732 39674 77018 92170 72766 000 000

13408/12208/11508 kHz, 18-08, 0700/0720/0740 UTC

425 425 425 1 223 110 223 110
 10247 71474 79194 52366 16024 92729 65120 12243 17481 05182
 04897 14737 77041 19622 64236 60104 61512 98076 75901 64580
 25290 48816 11606 68155 37792 44012 54348 99456 13469 56419
 62071 69604 14320 93627 63800 84497 06031 14284 96546 31354
 41057 04737 79867 25151 48528 41850 54922 11116 10448 14386
 91956 72808 63286 18407 94803 65897 30266 14650 33936 36748
 02010 19483 37011 26118 20658 22800 03870 31464 87725 84014
 78824 75757 01699 18266 79925 03440 78226 77900 64825 58670
 02460 67676 76051 68308 17150 61006 00555 02239 34032 59801
 21217 25129 98918 86886 96760 31431 72254 84245 08601 71265
 96363 17934 94032 69422 94899 35909 36735 10712 06731 29339
 000 000

13408/12208/11508 kHz, 25-08, 0700/0720/0740 UTC

425 425 425 1 209 86 209 86
 61414 99380 47231 28057 01506 07684 90930 22653 35697 59786
 89274 85578 07659 11595 05936 85438 88531 88445 54565 97020
 66779 91030 34634 71562 30107 43434 03009 70031 78587 22678
 44529 53199 68314 18954 18013 46842 08345 43762 58854 69455
 45490 06902 27137 55027 20435 24496 42585 88719 33369 48771
 46625 82910 10457 07755 70199 94640 97860 25901 03156 20298
 72489 06289 33280 51022 91437 12060 60404 37480 45107 73767
 15515 74347 15171 15080 28677 24772 81931 54102 85166 72364
 10430 81479 43033 64544 20262 59956 000 000

V13 - New Star Broadcasting Station (星廣播電台 Xīngxīng guǎngbò diàntái)

Thanks to Alpha for the V13 schedules and to FSpY for the transcripts and comments. All times are in UTC.

0000/0030z

Station 1: 18040
 Station 3: 15890
 Station 4: 15388

0200/0230z

Station 1: 8169
 Station 2: 8300

1000/1030z

Station 2: 20025
 Station 4: 19052
 Station 5: 20095

1200/1230z

Station 1: 15388
 Station 3: 13974
 Station 4: 14944

1400/1430z

Station 3: 20095

1500/1530z

Station 3: 20095

0100/0130z

Station 1: 19052
 Station 3: 18040
 Station 4: 20025

0300/0330z

Station 1: 11430
 Station 2: 9276

1100/1130z

Station 2: 19052
 Station 4: 20095
 Station 5: 20025

1300/1330z

Station 1: 14944
 Station 3: 11430
 Station 4: 15388

15388 kHz, 04-08, 1300 UTC. Station 4. Surprisingly good reception today! As usual for station 4, started two minutes early.

Unit IDs: 5694, 6428, 7521

Group Counts: 33, 35, 30

1143 0890 4025 1224 7188 6912 0666 7555 1495 6253
 5285 8822 9132 9843 9856 5306 8980 0447 3858 8776
 4981 0582 5106 1557 7124 9886 4599 8237 2026 0152
 5611 8973 9384

7251 8578 7403 3806 4546 1833 0294 9269 1410 5352
3835 2316 0920 3158 0058 6857 5019 0297 6413 7177
5673 8378 5572 6131 5209 4922 9872 4913 0141 7689
3347 0984 9877 7572 0038

3067 4602 9126 5913 5051 7211 6995 4716 8669 2973
8449 8568 5771 0337 2278 5005 7555 3976 4997 4718
1758 4148 8609 4677 5259 2968 7516 5763 1988 1910

15890 kHz, 06-08, 0000 UTC. Station 3

Unit IDs: 2213, 7989, 8079

Group Counts: 33, 33, 31

8420 6450 2279 9638 5524 1289 9802 5142 9328 8582
0810 6830 8913 3701 3894 5108 4034 7934 4147 2107
9460 6516 4777 4320 7464 6113 0661 8099 1046 9411
0514 8509 9882

1323 4718 8872 1470 9896 9997 3555 1784 3750 6093
8751 1933 8834 2110 3261 4002 5397 9117 3428 5314
1637 9520 9590 8414 5622 9542 1517 6926 8363 3075
9838 5688 1648

2894 3441 3858 1876 7371 7992 4550 7133 1418 2469
0222 1999 6995 8637 5198 7209 6213 3081 9491 3883
9156 4941 5719 3955 6512 7619 7428 8692 7424 7838
3783

14944 kHz, 08-08, 1300 UTC. Station 1. Clicking noise, likely due to the carrier having problems staying up.

Unit IDs: 0342, 0771, 6886

Group Counts: 31, 30, 35

2348 6202 0201 8964 5678 6407 4929 1118 9940 1653
7908 6298 4740 8667 6863 0772 6840 2343 6950 1629
3270 6509 4983 6680 8272 1165 1114 8101 4128 8962
3622

1845 8650 3702 3487 8500 8802 1309 6432 3641 9135
4966 6864 7588 8359 9478 6084 5187 5113 1181 1361
1418 3305 4099 5439 4408 8418 8921 0625 9925 0321

6829 7547 0473 3531 8275 4148 7121 5908 0693 0172
0099 3881 0996 4398 7334 4016 9732 6828 0918 9583
3744 8100 1720 5818 6942 0974 3579 1491 2200 9057
8715 4708 3224 4271 9574

15890 kHz, 12-08, 0000 UTC. Station 3

Powerful signal today, I could hear the buzz of the voice generator. It continued even after the broadcast finished.

Unit IDs: 2548, 2961, 4303

Group Counts: 30, 33, 30

5143 7374 3745 6514 8061 2419 5859 5561 1176 5936
9897 6723 8867 4765 7026 0922 6614 8991 5645 7588
2308 5995 7201 6934 5362 8329 7690 7424 0247 3057

1001 4038 3617 0347 4749 9241 3984 8898 5609 0152
6554 8870 1864 1331 7793 4585 4685 7957 7895 2774
6874 9096 2435 6659 7901 0448 6750 0618 0651 0942
5282 6431 6999

2113 1356 7226 4166 8836 0371 5381 9277 6870 9536
0497 1912 5927 3300 8973 7570 3399 7933 4576 6390

2197 2162 7634 7535 5782 2848 7448 5372 5736 6766

18040 kHz, 13-08, 0100 UTC. Station 1

Unit IDs: 5244, 8044, 9490

Group Counts: 35, 32, 30

9755 6656 9405 6021 4325 4443 0791 3608 2392 7639
0128 4438 6308 7414 9775 0557 5784 8330 7187 6636
8973 4061 4658 3233 9234 4679 7201 5928 5724 4254
0077 9139 3049 0353 2209

2257 8790 4341 6661 0313 6861 3305 7188 6113 3132 (cut off and switched)

2584 6913 0791 0132 3111 7631 7469 5331 7235 6916
6328 8251 0352 4978 3686 1264 1225 0322 9597 7936
5959 7164 3885 9407 4002 7715 6036 2115 1435 0600

Notes:

V13 was on the wrong frequency for this time slot. Abruptly cut off after the message to unit 5244 and resumed on 19052 (the correct frequency for the 6/6:30 PM time slot). So powerful I could hear the buzzing of the voice machine, a rarity for station 1 because it normally has bad signal quality.

15-08: didn't appear on the 0300 and 0330 time slots.

16-08: carrier was up before 0000 but then it abruptly stopped and disappeared after part of the intro music. No broadcasts on the 5:00, 5:30, 6:00, or 6:30 slots.

18040 kHz, 18-08, 0030 UTC. Station 1

Unit IDs: 1702, 3574, 4643

Group Counts: 34, 33, 30

3162 5027 9273 2620 8611 8621 4442 2146 0620 0731
2128 5923 0547 0484 1830 0254 6118 8393 3175 1208
0226 6930 8687 4683 4616 2104 4606 1891 9359 4558
8450 1953 6088 7365

1335 1317 6990 2866 5400 5046 4782 9546 1726 1578
8531 0512 2354 7303 4213 8286 9876 7272 0826 2465
8117 6100 6702 1155 8376 3489 6391 8970 8124 4231
8722 7212 6121

8788 2335 7782 9449 9686 8036 2759 0016 7281 0775
2274 6208 8741 3574 1295 3015 1553 2692 8442 6149
9798 2831 6287 9197 7506 5091 5521 1327 5313 0712

18040 kHz, 18-08, 0100 UTC. Station 3

Unit IDs: 1217, 2663, 3078

Group Counts: 35, 35, 35

7370 6886 4479 0623 7586 7737 1791 6762 0663 8052
2751 5282 1844 5945 1840 9681 3206 9139 3260 9541
7448 0785 8222 2342 3708 7325 4350 9076 3714 6898
6891 6821 7677 0122 2741

2609 1329 6638 9577 1437 2051 9815 5820 8030 9999
0270 1337 9144 8004 3489 3969 9545 5187 5597 9438
1100 2647 7602 2709 3314 6190 8729 6984 6929 0565
0564 5260 4923 0856 4150

2316 8274 6344 8120 7229 2419 7377 0779 8628 2766
4125 8373 4722 2711 1877 6978 5535 8337 8681 6320
3889 5089 9367 2547 3684 6073 0528 7615 5410 2291
8543 3519 5823 8276 9708

9276 kHz, 19-08, 0300 UTC. Station 2

Unit IDs: 6093, 6516, 8954

Group Counts: 30, 35, 31

3995 3909 1703 1266 9482 6507 4443 6897 4883 7088
9875 0805 6698 7875 6470 7956 8105 2958 1612 8372
8199 4522 0674 8825 7046 3890 1630 0964 1062 1508

7076 9740 3809 0610 5169 1950 4815 4313 8515 8579
3440 7746 2123 1090 6299 7288 3520 0514 1712 8945
2702 7271 5855 5168 2071 5658 8836 4619 3738 7738
4369 0584 7707 3055 4772

7344 8488 1552 3616 9231 4644 9108 1694 6558 7948
7941 7152 2781 1677 4436 6644 7998 5016 3673 6498
9805 3083 3330 1167 2122 1607 3192 6535 1526 3579
3226

20025 kHz, 20-08, 0100 UTC. Station 4

Unit IDs: 2997, 4801, 8508

Group Counts: 31, 35, 33

4304 0643 2319 9707 0239 5610 5444 3410 0558 7745
7389 9510 5750 5344 4192 8013 0646 1963 2031 8330
7645 9272 5500 8086 3454 7673 4455 7373 4789 9816
4830

9365 7753 3954 3337 2214 1236 8597 9905 3765 4725
2822 1764 6580 8473 4312 9718 9752 4488 0564 3003
7507 2618 5608 6897 4770 8179 2092 2000 6372 7538
1072 4064 6100 3851 6584

1580 6682 6131 0347 5511 3439 1877 3209 7203 5507
1250 2009 8713 2250 0703 2198 4216 3305 3395 9195
1728 2938 3652 2477 6702 5189 6600 2640 2898 0778
5616 4030 4845

19052 kHz, 21-08, 0115 UTC. Station 1

Immediately repeated/replayed its broadcast after finishing!

20095 kHz, 21-08, 1000 UTC. Station 5

Unit IDs: 1501, 7131, 7698

Group Counts: 33, 30, 31

0940 4974 8932 6449 0997 6024 3852 5862 7346 6339
8194 3684 0602 7195 3834 3480 8149 9160 2520 9366
7645 2248 6994 9838 0230 1486 8343 9205 6012 0924
7519 1724 5732

0553 1725 4890 6937 3185 2072 8151 1278 5274 6647
3942 4041 2164 2257 8555 8914 3210 3857 2753 1909
7271 9619 0822 9610 2408 1759 1634 6715 5242 2374

1075 1918 9497 5120 1585 2294 7140 9579 3882 1611
5188 6980 8928 8447 2245 7646 3998 2176 4584 9183
6927 6788 9569 2487 1944 9542 8518 5073 0429 3536
8073

18040 kHz, 25-08, 0130 UTC. Station 3

Unit IDs: 3802, 5896, 8808

Group Counts: 35, 30, 33

6128 7845 1892 2503 5540 2290 4694 1328 8867 1287

0185 9644 0652 8983 5105 1727 9556 1695 6792 0121
2121 4965 2226 5028 6301 4412 3750 1234 9749 2554
4434 5046 7269 1523 3798

5101 7970 0602 7009 5468 3489 0587 5155 6115 8880
4552 9484 4529 1445 2292 5271 6715 0617 3912 5041
4097 2402 1075 2591 7798 4688 7462 5076 3404 8115

9400 1344 8860 6682 5939 9330 3640 8431 1798 7650
9073 8085 1012 5022 6251 4529 9365 1787 4820 5437
3854 5121 3429 8032 0330 8741 8300 8996 9582 8004
2629 1671 9293

9276 kHz, 24-08, 0300 UTC. Station 2

Unit IDs: 3485, 7137, 9862

Group Counts: 33, 32, 32

7688 5471 5965 0746 8253 0906 3761 4066 6070 8392
9019 0852 6812 4770 0128 0322 0998 8896 8364 6788
9834 2805 0328 1213 4683 9793 9909 6353 6414 1643
4854 7784 3584

0493 2356 3975 1708 7665 7667 0667 7543 5978 6809
6408 8045 7414 4581 7576 8031 4675 5089 6449 7497
6118 9020 2435 7907 4068 0128 4098 8748 7619 2476
3524 8506

5600 9265 5469 9683 8240 5147 9018 1440 8629 2199
7101 0861 6457 0547 3315 3381 8318 8499 0909 9970
7277 6483 7750 9067 8846 0227 0327 5775 5979 3900
1675 1543

8169 kHz, 26-08, 0230 UTC. Station 1

Unit IDs: 0071, 4230, 7073

Group Counts: 31, 35, 35

8446 2637 3852 8629 3001 3899 7717 3515 0128 7705
7256 4666 3754 1115 7166 8944 0539 3510 4705 8465
6178 1506 1472 0095 3485 6656 1709 3136 1031 8890
6177

0816 3656 5219 7252 2663 9921 4540 6177 3830 0241
2769 1546 4872 3522 3420 9822 6085 7637 1174 2721
4178 6151 9057 8287 7497 2312 2715 1142 8389 4214
9593 6662 4860 4042 9637

5910 7185 5865 6571 9457 9608 0443 7705 6715 5597
1659 6854 2618 5054 8159 4460 1274 2085 4166 0377
2450 4122 7460 0895 5729 6622 6832 0592 3235 5345
3319 8613 7036 7059 4041

15388 kHz, 28-08, 0000 UTC. Station 4

Unit IDs: 0744, 6494, 7157

Group Counts: 31, 33, 34

4205 2464 0803 7560 4622 4567 9527 5920 3625 1743
6568 7073 4940 0966 1207 8332 7022 9806 6066 9514
9288 8969 2854 3315 3101 4911 1479 6333 4651 1036
7540

6015 9807 3184 2235 4080 4640 6501 1122 4465 2865
1303 4916 5909 1113 9133 9421 3229 9070 7533 2652
3139 0092 6400 9042 6940 7214 0205 2731 5358 9108

8936 2228 3240

5036 0116 6518 3679 5612 6022 1065 5260 8107 0256
6552 1371 0019 4363 8595 5777 2792 3632 0822 1828
4419 1313 8487 3326 9153 9849 7615 0887 5173 9294
4390 3393 0726 7258

MORSE STATIONS

M01

6435 kHz, 03-08, 1500 UTC

025 712 712 30 30 = =
84730 92817 26354 72839 82938 72819 02938 47583 29102 93829
85749 83720 92210 92834 93031 43130 94038 27485 94837 93827
28372 82738 74830 93827 83928 73618 72637 83726 72834 83726
= = 712 712 30 30 000

6435 kHz, 10-08, 1500 UTC

025 771 771 30 30 = =
39847 50968 14233 57655 30798 55098 68790 35454 10989 58678
60908 55765 13234 56787 50978 15345 28767 55987 69890 57687
57677 22435 57687 40978 57687 37465 11098 68798 49900 57767
= = 771 771 30 30 000

5280 kHz, 13-08, 1800 UTC

025 948 948 30 30 = =
87960 75880 74830 12321 09879 87932 75832 65700 78322 65780
67437 75839 65743 76992 88755 55641 66211 75893 65780 78477
76840 98552 86900 32122 65801 78522 56443 76508 89423 23400
= = 948 948 30 30 000

4903 kHz, 13-08, 2000 UTC

025 779 779 30 30 = =
75840 64739 75G83 23321 75899 88900 75423 34541 56890 90999
75680 45390 54321 65732 23480 74831 75891 75830 87548 43590
75845 34231 54320 75831 12398 34569 67890 78981 43213 47811
= = 779 779 30 30 000

5280 kHz, 15-08, 1800 UTC

025 889 889 30 30 = =
75621 12340 76855 78430 12323 43658 98349 98430 78349 78456
12672 76321 75892 67581 85231 76346 76331 85966 63211 99881
65780 90002 56531 63450 63412 75806 65742 63311 64320 76849
= = 889 889 30 30 000

6435 kHz, 17-08, 1500 UTC

025 639 639 30 30 = =
75648 55235 00123 22341 88345 66345 88345 77233 33456 74533
84563 77456 99234 00132 55343 33454 66574 88564 66342 44563
84354 77231 00234 66457 77342 99453 77123 88112 99233 11043
= = 639 639 30 30 000

6780 kHz, 18-08, 0700 UTC. VVV at 0656z.

025 195 195 30 30 = =
76849 56673 12238 75482 45323 43127 85430 88008 83900 73212
75643 78568 09099 02301 34200 02333 01209 42371 65767 83219
75899 77437 77329 99931 73458 34580 43512 32845 34567 23998
= = 195 195 30 30 000

5280 kHz, 20-08, 1800 UTC

025 162 162 30 30 = =
84533 66331 99342 77435 99123 96504 77223 00345 98766 44321
56473 66123 88435 88344 65445 66345 82314 66213 99234 66324
93233 66123 88344 92344 12343 92344 77567 88321 99342 77123
= = 162 162 30 30 000

4903 kHz, 22-08, 2000 UTC. Many mistakes after group 16

025 298 298 30 30 = =
52748 90805 41782 48913 31892 64823 89671 91827 67831 78923
64892 67582 67512 78925 64729 90471 471 62734 24 51417 514
2784 574 1628 6 68204 1782 12 1389 4389 67284 6142 51 89367
896 5142 5148 92734 7 6381 681 62530 6530
= 28 98 30 30 0

6435 kHz, 24-08, 1500 UTC. Different repeat in red

025 163 163 30 30 = =
65489 99738 34521 12323 43546 87900 45300 12870 32190 42386
75641 44560 90038 12312 54378 23142 75320 87009 87434 54870
98800 87994 **97894** 54673 23411 23467 12300 45678 65472 42365 57722
= = 163 163 30 30 000

6780 kHz, 25-08, 0700 UTC

025 495 495 30 30 = =
64758 66231 88342 99342 88231 99453 77453 77231 99453 04532
11245 82310 00453 83241 77453 88564 77432 85445 66321 74533
95466 77322 45342 66435 45654 88231 99342 77342 74566 99435
= = 495 495 30 30 000

5280 kHz, 27-08, 1800 UTC

025 611 611 30 30 = =
48392 57083 92817 64738 74738 92817 64738 27162 26485 94039
12356 78594 93820 93849 67857 63726 27384 76352 73847 36278
75647 84937 36475 84762 85746 39584 75649 36574 89102 01928
= = 611 611 30 30 000

4903 kHz, 27-08, 2000 UTC

025 960 960 30 30 = =
38902 83918 74059 38271 93847 58492 83749 05948 37261 83729
96857 40391 72638 94037 82910 37281 03928 73645 04958 34534
27453 72910 93827 83729 34578 12109 38271 12837 29181 12834
= = 960 960 30 30 000

5280 kHz, 29-08, 1800 UTC

025 382 382 30 30 = =
28493 12378 56478 78789 58473 37829 82710 92847 84398 93829
35467 12309 90387 28930 49586 75849 37267 67890 43672 89103
46738 29043 83749 37564 89586 76582 02918 72834 38475 48372
= = 382 382 30 30 000

4903 kHz, 29-08, 2000 UTC

025 610 610 30 30 = =
39281 74938 02918 23940 95483 18293 04938 26475 56748 23471
16274 38920 98765 43421 23486 74930 92817 23456 89706 53473
16352 56734 96875 04938 36758 47584 93827 28128 26743 90594
= = 610 610 30 30 000

6435 kHz, 31-08, 1500 UTC

025 257 257 30 30 = =
25389 51627 74524 63749 62419 59025 45173 65729 57253 90102
41903 57253 52718 64782 64719 53628 51629 10203 48926 71412
42891 28390 67821 43519 98127 61892 63781 42904 52712 89036
= = 257 257 30 30 000

9736 kHz, 03-08, 0717 UTC. Very poor signal

475 131 131 50 50
05217 26732 19303 08575 00151 18234 57314 76549 16590 96310
99571 91648 64910 84026 55238 88123 61139 77339 37877 32213
46291 58201 66492 74492 90217 90013 76694 38790 78441 80462
68348
93210 27024 79130 63802 54831 69045 56378 76379 98731 22146
= = 131 131 50 50 000

9736 kHz, 25-08, 0715 UTC. The whole message was sent as one long string.

VVVV 475 213 213 50 50 = =
83919 92079 43182 85775 50233 45282 21090 03034 08595 61905
23567 10497 24683 15100 30144 36143 03620 37081 02299 16573
44575 74825 33900 94224 30810 95191 52080 37531 22627 4099409
55440 75678 40870 56800 22828 92357 14170 24058 25881 94799
11961 13705 81096 36103610 75050 13558 87537 52404 00360 60160
213 213 50 50 = = 000

M12

11435/10598/9327 kHz, 1800/1820/1840 UTC

11435/10598/9327 kHz, 01-08, 1800/1820/1840 UTC

938 938 938 1 3138 77 3138 77
83971 30773 59164 57018 48083 55911 47121 78222 82345 00757
30411 43234 14379 93971 40062 80185 36851 00159 72279 92096
10926 11082 90659 05378 91366 10092 75304 63510 02578 85585
72804 76423 36656 40924 96968 82282 73922 23861 35556 94452
18289 61586 34951 82969 87206 54433 14143 49946 33206 70041
95389 91747 14039 67801 12881 72889 40112 53785 65651 37990
80606 83609 x5644 96759 27951 53987 06578 73453 97001 57779
06262 12989 64602 77825 73807 49338 76129 000 000

11435/10598/9327 kHz, 15-08, 1800/1820/1840 UTC

938 938 938 1 8805 75 8805 75
12874 24167 10413 23805 20355 93551 79547 40587 63465 23713
32560 03064 57222 43817 24543 97841 99863 11272 25828 11291
57034 36575 22650 05585 86779 28436 44676 31966 49770 49019
20016 92138 55876 21845 27329 13210 60201 02002 65497 62319
43119 48641 17578 14767 70716 74372 64014 45974 45683 41755
59966 78364 75020 10391 49258 76298 01517 04828 37025 91918
48874 47581 90816 14446 03697 40420 47186 35377 16487 11332
37639 97861 45773 63508 68171 000 000

11435/10598/9327 kHz, 22-08, 1800/1820/1840 UTC

938 938 938 1 7517 78 7517 78
38286 83571 44849 91558 91208 52379 41005 05334 47360 28917
63554 64376 71867 32424 69276 59810 68431 44038 88160 84798
47987 03805 08332 97498 53682 51926 32818 75815 70736 75036
82352 29964 48734 48403 86694 65390 99186 30930 86683 26322
44281 44118 44848 81195 26950 74798 22393 96765 32675 60066
49797 62285 46629 02404 88574 24480 75238 47349 37875 39282
19561 65190 34596 72322 46563 33589 15642 22463 45729 03886
60629 37501 57654 61838 40427 03869 58956 27135 000 000

11435/10598/9327 kHz, 29-08, 1800/1820/1840 UTC

938 938 938 1 5824 76 5824 76
03855 92982 41757 50751 87952 21183 19695 16216 95216 51922
83304 48949 01352 50005 55673 59900 35705 94121 26347 48585
55813 46021 45885 25494 53009 59812 95051 11150 16325 64139
08625 41305 03823 51106 63177 25153 56838 91621 57781 52774
03409 11276 94247 73314 47425 89366 94740 79445 94828 60384

51404 88479 85528 28069 61893 75834 47097 16263 97741 28139
26761 08544 99890 31016 43297 53126 45126 60245 86826 30520
03063 44082 36410 73572 45171 44537 000 000

12148/10648/9148 kHz, 2000/2020/2040 UTC

12148/10648/9148 kHz, 01-08, 2000/2020/2040 UTC

374 374 374 1 589 79 589 79
81020 43440 41352 84024 86563 83603 20241 70064 06958 38535
56141 67985 92991 60709 45842 02864 43357 24105 41023 61168
07216 18229 68170 44214 81929 45910 77933 94555 65497 66179
68496 04626 33390 90737 56217 20963 29122 46171 54625 06546
60103 77032 99877 42365 86081 39344 01057 29765 73389 38841
73569 79873 85809 12859 26560 46789 43024 84767 45329 92743
02761 43119 54816 80958 52291 49415 30023 17399 16836 85424
60992 24059 90040 16945 97583 71607 36692 81801 04218 000 000

12148/10648/9148 kHz, 12-08/15-08, 2000/2020/2040 UTC

374 374 374 1 7574 61 7574 61
44707 52583 95178 68546 30664 47713 70042 72939 77171 28950
08619 10976 54554 16772 44986 20225 78232 30888 97368 45141
39723 23087 30029 89656 13011 75558 53280 14925 60846 21015
97795 90241 87692 48106 41729 11009 73632 21155 87839 74489
09608 61600 45107 60513 32342 65692 14565 04874 13145 78492
45666 04575 80644 43843 39977 11217 18404 93111 14419 92007
81837 000 000

12148/10648/9148 kHz, 26-08/29-08, 2000/2020/2040 UTC

374 374 374 1 974 84 974 84
82122 63520 36037 90963 07226 04872 06879 45686 35054 13582
79755 87515 07902 57732 23021 71093 52273 97142 18491 76977
60259 60309 29942 49914 47230 41403 60621 53722 61779 40023
62767 74932 75113 80490 08351 00954 38925 65796 35863 93939
44923 45283 90190 84062 07045 76952 53222 78332 53354 82125
68566 53707 71528 24065 93376 41383 47750 24842 88607 43491
00325 71814 67812 99425 48414 41898 19971 28824 88472 63559
10586 79300 97112 61144 92333 25251 23432 61422 07127 25878
70058 12841 83572 90714 000 000

15931/14831/13531 kHz, 1900/1920/1940 UTC

15931/14831/13531 kHz, 02-08/07-08/09-08, 1900/1920/1940 UTC

985 985 985 1 4362 187 4362 187 187
71125 51908 50794 41914 88210 26428 61410 46061 60770 86950
22765 05041 65574 21075 06330 52017 43006 44093 01349 10664
07166 32865 94232 56547 94996 17604 82306 71211 19993 57754
05007 96059 87491 96900 07018 76535 35820 73519 84681 26591
45955 52507 33743 73929 02363 14172 69902 08541 45618 98375
36895 01430 87734 26783 97586 19824 62213 83293 85514 58658
47433 17117 37648 43980 20119 99790 28459 91834 65305 07536
15541 43424 07051 60833 04117 99505 07482 29388 66639 07745
11333 72933 97480 22029 78348 86023 39026 79975 15632 97771
90016 06746 93520 39612 03224 02818 79157 71458 31577 61047
51126 82086 11177 30471 34023 27304 17897 00317 66364 01821
47085 64536 16020 32760 70437 52584 53352 96725 75528 17665
34316 66579 41092 95986 10510 86274 20650 55039 33058 09049
29368 20653 46403 27053 48016 54430 24782 33611 75296 77571
57767 44112 24488 47199 31811 18850 62681 62210 07206 41139
12602 22036 18973 00305 46313 65880 26818 92247 88383 69240
65936 92830 05681 88295 41033 24542 60028 98274 41625 78267
54157 87952 64450 42661 08115 53691 39517 98977 77627 61011
51016 32742 65703 23153 13843 31887 09931 000 000

15931/14831/13531 kHz, 21-08/23-08/28-08/30-08, 1900/1920/1940 UTC

985 985 985 1 5019 129 5019 129
72355 53425 42878 79799 39944 11751 26973 49144 15715 79252
65634 10697 49701 05752 72055 54088 31188 06012 05214 30416
85118 15582 06681 49976 84548 37504 71818 57147 31764 17086
63379 15412 73438 97141 50143 76116 25306 23993 45394 28548
47925 26723 00906 93304 46123 86736 91256 23423 06599 57842
07881 20643 65454 61741 16254 77611 26175 51997 90103 32191
50322 43900 08130 58436 20203 94760 83796 76585 14883 08309
73499 55923 49778 96482 90403 09829 54984 52607 14040 64783
79806 05809 05872 58244 44560 78958 70098 35289 80609 37544
89446 49182 41215 49317 50710 52346 27116 22977 18346 24415
79357 43728 27757 46079 11562 36893 55847 82910 25801 43267
30889 45750 14568 07837 10694 44398 31344 69588 51824 56540
98123 99074 71047 52284 45922 41118 82303 72636 79817 000 000

10314/9114/8014 kHz, 2100/2120/2140 UTC

10314/9114/8014 kHz, 02-08/03--08, 2100/2120/2140 UTC
310 310 310 1 2239 131 2239 131
09641 31662 79266 49400 16582 20181 70357 55749 87613 52008
85418 27604 67625 98984 09349 39965 67600 55598 78077 59955
26851 16359 63906 91625 90732 30277 83538 96884 91340 59607
64040 28280 19837 60564 54964 11122 72244 93115 90584 08117
13602 32408 92645 30286 50614 08334 02577 99281 48539 99113
68785 40430 17927 77157 09681 66786 52870 17910 19098 99823
76436 97070 72249 51345 20014 66971 92899 52031 54785 76972
28425 57147 96821 83694 00561 04075 62954 63770 88080 74812
53784 96701 10395 04603 63924 69367 90011 29353 47369 85777
45251 77671 90918 94304 11617 62555 16625 05168 18282 01406
69902 27308 45818 39132 06281 19540 90049 88726 29200 10420
79034 13593 69651 55896 43991 14450 44059 97223 70473 77126
58958 80347 98470 59274 57004 89100 45372 52779 11551 81366
77939 000 000

12162/11566/10711 kHz, 1800/1820/1840 UTC

12162/11566/10711 kHz, 06-08, 1800/1820/1840 UTC
546 546 546 1 7945 57 7945 57
21324 07483 48102 59424 92257 27036 99848 19098 62481 80964
67795 60307 48462 04239 75593 41795 64403 35386 76851 40074
05905 74305 11848 99049 07090 26138 22560 15069 16106 38850
53174 64397 22521 70909 58019 57385 17555 03186 30398 72392
20738 85607 61315 67485 13005 29399 32823 96805 25275 82764
49757 11976 58059 68245 71266 47017 95633 000 000

11519/12194/13407 kHz, 1100/1120/1140 UTC

11519/12194/13407 kHz, 13-08, 1100/1120/1140 UTC
289 289 289 1 5371 56 5371 56
25982 04056 44689 94012 47700 93283 08832 81473 29254 21688
43856 49640 87461 51549 59463 40922 34614 02636 75058 58176
43550 14083 37425 80598 92176 99785 52343 80469 46818 07427
77209 58044 32081 25892 40697 20551 48705 53798 30057 87846
84244 82777 53658 13766 23590 37467 68113 41347 89940 79782
71270 48501 58877 97059 24490 11898 000 000

11519/12194/13407 kHz, 20-08, 1100/1120/1140 UTC
289 289 289 1 7784 56 7784 56
54042 94690 10046 01735 08433 77221 42030 51105 63569 80774
16972 40449 69142 03763 66576 77670 52204 31850 05959 07945
25262 61925 84444 94688 65500 02090 73778 93114 15632 31450

52292 70368 90418 59252 28854 02207 34176 14930 15095 53731
43619 12522 12733 98256 09513 22170 38780 70358 70592 61840
96231 63529 56805 12332 94712 92116 000 000

11519/12194/13407 kHz, 27-08, 1100/1120/1140 UTC

289 289 289 1 1958 55 1958 55
17670 88098 24849 12137 09126 26844 98319 90742 37128 28288
86608 68426 73775 97129 83172 58458 36832 51295 58169 90429
16845 62628 91537 65923 21467 53498 51719 54381 39010 91422
02198 82493 10529 66911 71999 40065 46317 44674 87624 62065
48481 65555 44547 53072 75532 18631 54366 42482 11132 59945
28243 69619 42951 43384 38460 000 000

14408/13408/12203 kHz, 2310/2330/2350 UTC

14408/13408/12203 kHz, 04-08, 2310/2330/2350 UTC

442 442 442 1 9301 115 9301 115
68295 51195 62657 34475 70005 54114 22960 42128 42873 42580
21958 77548 41786 92054 72873 26210 59908 03864 69253 40635
76649 20480 24731 24001 05800 88763 54128 20019 24184 81077
86492 14673 65126 18012 67466 44420 2__0 28846 74224 35088
08182 84683 77532 50664 54969 62480 58380 48622 __2__ 28431
02442 52817 _0876 43453 30908 _8000 12317 1_972 41309 47547
89282 69905 26036 53440 94019 99908 55164 07709 3_582 43875
30382 _2437 58621 95660 97611 67940 61_95 68542 27564 79514
61912 37593 04016 01467 16135 29928 20431 93899 88595 298__
33367 11621 __899 6__33 20400 49902 29399 27363 54_89 63244
7445_ 43981 1271_ _5763 98273 _13_4 27225 7_663 14521 _262_
34250 52012 86939 75364 37730 000 000

M14

12211/10243 kHz, 01-08, 0500/0520 UTC

952 170 170 50 50 = =
92350 00308 04659 29744 99295 29987 34771 23546 57838 37068
75507 21363 54979 50082 12174 37971 80893 76320 38333 01724
54947 75683 43797 88205 62757 89701 78478 33290 90213 55422
40574 67778 65420 58843 62494 40806 44477 07590 92985 24207
02051 27515 98881 15019 12670 12912 34924 78329 33675 85027
= = 192 192 50 50 00000

12211 kHz, 02-08, 0500 UTC

No transmission

10243 kHz, 02-08, 0520 UTC

952 952 952 00000

12211/10243 kHz, 05-08/06-08, 0500/0520 UTC

952 634 634 58 58 = =
29774 87768 91195 96126 87432 40521 30278 33289 07687 42423
85030 43702 95252 18978 67604 86339 11084 80407 31337 13999
24716 77096 16696 46760 00292 23482 39501 56866 39719 07599
07376 94714 31397 28446 75357 10660 77943 28383 76600 52291
01364 12726 89121 41894 49099 73738 24515 63775 49393 61210
49572 16133 89412 66799 76760 07174 14552 14334
= = 634 634 58 58 00000

12211 kHz, 07-08, 0500 UTC. Off after the first message

10243 kHz, 07-08, 0520 UTC

952 870 870 30 30 = =
90850 05976 45364 77767 25212 55217 22415 35503 67597 92228
15608 55709 07718 27645 63536 33486 06697 70187 00318 66927
67576 72926 55630 01083 73880 19869 56418 80222 69691 20071
= = 870 870 30 30
952 361 361 24 24 = =

79162 72077 13639 83148 48136 29818 94729 90683 96890 32399
18769 51995 36287 29803 89061 25586 43680 08005 06451 45520
13697 36594 76191 99581
= = 361 361 24 24 00000

12211/10243 kHz, 08-08, 0500/0520 UTC.

Same messages as yesterday but in reverse order.

952 361 361 24 24 = =
79162 72077 13639 83148 48136 29818 94729 90683 96890 32399
18769 51995 36287 29803 89061 25586 43680 08005 06451 45520
13697 36594 76191 99581
= = 361 361 24 24
952 870 870 30 30 = =
90850 05976 45364 77767 25212 55217 22415 35503 67597 92228
15608 55709 07718 27645 63536 33486 06697 70187 00318 66927
67576 72926 55630 01083 73880 19869 56418 80222 69691 20071
= = 870 870 30 30 00000

12211/10243 kHz, 09-08, 0500/0520 UTC

952 952 952 00000

12211 kHz, 12-08, 0500 UTC

Unmodulated carrier at 0508z. Off at 0517z

10243 kHz, 12-08, 0520 UTC

Unmodulated carrier at 0517z. Off at 0540z

12211/10243 kHz, 13-08, 0500/0520 UTC

952 478 478 52 52 = =
56584 52981 63515 66282 92338 17455 10792 09160 48867 59141
56125 28826 54684 38057 61877 23494 07862 54601 55206 29814
70924 92758 87854 40543 52946 99344 76099 23094 96047 85219
50588 87401 08464 59413 70699 76537 11394 32097 83164 78524
91802 47342 29601 82774 78362 31597 32666 29593 82736 68833
15504 26191
= = 478 478 52 52 00000

12211 kHz, 14-08, 0500 UTC. Off after the first message

10243 kHz, 14-08, 0520 UTC

12211/10243 kHz, 15-08, 0500/0520 UTC

952 163 163 29 29 = =
49011 33709 52321 97084 84898 96436 03784 50463 66810 54415
02479 21439 76658 15911 58261 76930 12300 61503 05451 20637
27748 13855 95424 74763 35572 18520 44398 37639 88714
= = 163 163 29 29
952 708 708 25 25 = =
02221 59510 23711 59088 60886 84720 54391 61722 50513 67241
98205 33238 52333 06960 98222 82138 49408 97671 90874 02857
50351 39453 36568 72599 92057
= = 708 708 25 25 00000

12211/10243 kHz, 16-08, 0500/0520 UTC

952 952 952 00000

12211/10243 kHz, 19-08/20-08, 0500/0520 UTC

952 614 614 53 53 = =
47197 35148 82664 17577 96397 24800 28362 29240 50564 74795
73674 30049 13636 24248 86224 93346 03471 93176 94786 81442
98779 85961 50344 69632 52972 29281 59502 32032 17065 55452
44956 62662 38880 67124 12698 30231 30681 44252 30650 90040
22470 79299 48404 01462 43106 51594 12775 24412 96446 76787
58826 93272 24697
= = 614 614 53 53 00000

12211 kHz, 21-08, 0500 UTC

12211 kHz, 21-08, 0520 UTC. 952 (R4) off. Didn't show up on 10243 kHz

952 380 380 23 23 = =
27368 83200 05544 28202 96427 38327 07191 50779 02413 40694
15875 51802 62227 46756 48617 65073 63409 61861 45413 31865
93744 07042 96954
= = 380 380 23 23
952 471 471 24 24 = =
03739 91350 48712 60882 17694 52398 58264 69960 68403 26195
96748 51197 25207 96031 38603 41701 73238 60500 16418 77537
33413 02193 08155 48598
= = 471 471 24 24 00000

12211 kHz, 23-08, 0501 UTC, FSK CW. Late start 952 952 952 00000

10243 kHz, 23-08, 0520 UTC, CW 952 952 952 00000

12211/10243 kHz, 26-08/27-08, 0500/0520 UTC

952 863 863 54 54 = =
54392 31461 57971 98154 71123 90780 60924 84818 64639 62776
60065 61783 82984 58345 38270 60379 42651 34138 24772 31642
98101 33942 70797 68203 69994 23506 92479 62610 55517 36025
66991 31762 69309 70444 92843 62137 88371 09789 50281 55518
99423 51704 22711 79889 72144 68378 65101 55193 06719 38063
30301 28648 29148 15350
= = 863 863 54 54 00000

12211/10243 kHz, 28-08, 0500/0520 UTC

952 701 701 25 25 = =
71948 98249 09415 55168 16699 28833 40147 16171 49739 90702
15540 36933 40395 17565 14547 39337 08701 37697 94060 60367
77156 26459 20211 52326 90539
= = 701 701 25 25
952 463 463 27 27 = =
02837 14009 04358 33341 13494 60692 05065 74787 17616 02373
01909 16767 93933 04255 53710 92311 77317 64208 42368 48697
67981 77507 90317 03437 55223 74320 41742
= = 463 463 27 27 00000

0500 UTC: = = 701 701 25 25 (36 sec silence) 952 463 463 27 27 = =
Ended with: = = 463 463 27 27 (6 sec silence) 46 952 (24 sec silence) 00000

12211/10243 kHz, 29-08, 0500/0520 UTC.

Same messages as yesterday but in reverse order.

952 463 463 27 27 = =
02837 14009 04358 33341 13494 60692 05065 74787 17616 02373
01909 16767 93933 04255 53710 92311 77317 64208 42368 48697
67981 77507 90317 03437 55223 74320 41742
= = 463 463 27 27
952 701 701 25 25 = =
71948 98249 09415 55168 16699 28833 40147 16171 49739 90702
15540 36933 40395 17565 14547 39337 08701 37697 94060 60367
77156 26459 20211 52326 90539
= = 701 701 25 25 00000

12211/10243 kHz, 30-08, 0500/0520 UTC

952 952 952 00000

UM04 - PROMRCh

4735 kHz, 01-08, 0700 UTC

Not heard.

Very poor conditions.

4735 kHz, 02-08, 0700 UTC

VVV VVV PROMRCh = 02 08 =

1000 0870 0900 0980 1360

1200 0930 0950 1030 1420

1400 0930 0950 1020 1400

1600 0890 0910 1000 1300

1800 0830 0860 0950 1260

2000 0890 0910 1000 1300

2200 0880 0890 0970 1250

0000 0830 0850 0110 1140

0200 0790 0800 0860 0180

0400 _____

0600 0720 0800 _____

0800 0800 0880 0970 1310

= ABV

VVV VVV PROMRCh = 02 08 =

1000 0870 0900 0980 1360

1200 0930 0950 1030 1420

1400 0930 0950 1020 1400

1600 0890 0910 1000 1300

1800 0830 0860 0950 1260

2000 0890 0910 1000 1300

2200 0880 0890 0970 1250

0000 0830 0850 0110 1140

0200 0790 0800 0860 0180

0400 _____

0600 0720 0800 _____

0800 0800 0880 0970 1310

= AR

4735 kHz, 05-08, 0700 UTC

VVV VVV PROMRCh = 05 08 =

1000 0880 0910 1000 1350

1200 0930 0950 1030 1410

1400 0920 0940 1030 1390

1600 0890 0920 1010 1320

1800 0840 0870 0960 1290

2000 0900 0930 1020 1330

2200 0860 0880 0960 1230

0000 0820 0830 0900 1130

0200 0770 0780 0840 1050

0400 0650 0660 0720 0930

0600 0680 0700 0780 1060

0800 0840 0860 0970 1310

= ABV

VVV VVV PROMRCh = 05 08 =

1000 0880 0910 1000 1350

1200 0930 0950 1030 1410

1400 0920 0940 1030 1390

1600 0890 0920 1010 1320

1800 0840 0870 0960 1290

2000 0900 0930 1020 1330

2200 0860 0880 0960 1230

0000 0820 0830 0900 1130

0200 0770 0780 0840 1050

0400 0650 0660 0720 0930

0600 0680 0700 0780 1060

0800 0840 0860 0970 1310

= AR

4735 kHz, 06-08, 0700 UTC

VVV VVV PROMRCh = 06 08 =

1000 0880 0900 1000 1350

1200 0930 0940 1030 1400

1400 0930 0950 1030 1390

1600 0890 0920 1010 1330

1800 0840 0870 0960 1290

2000 0900 0930 1020 1330

2200 0830 0880 0950 1220

0000 0810 0820 0890 1110

0200 0760 0780 0830 1050

0400 0650 0660 0720 0930

0600 0660 0690 0770 1040

0800 0830 0860 0970 1300

= ABV

VVV VVV PROMRCh = 06 08 =

1000 0880 0900 1000 1350

1200 0930 0940 1030 1400

1400 0930 0950 1030 1390

1600 0890 0920 1010 1330

1800 0840 0870 0960 1290

2000 0900 0930 1020 1330

2200 0830 0880 0950 1220

0000 0810 0820 0890 1110

0200 0760 0780 0830 1050

0400 0650 0660 0720 0930

0600 0660 0690 0770 1040

0800 0830 0860 0970 1300

= AR

4735 kHz, 03-08, 0700 UTC

Barely audible.

Too weak to copy.

4735 kHz, 04-07, 0700 UTC

VVVVV PROMRCh = 0408 =

1000 0880 0900 0990 1350

1200 0930 0950 1030 1410

1400 0920 0940 1030 1400

1600 0890 0910 1000 1320

1800 0840 0860 0960 1270

2000 0900 0920 1010 1320

2200 0870 0890 0960 1230

0000 0820 0840 0900 1130

0200 0770 0790 0850 1060

0400 0650 0670 0730 0930

0600 0680 0700 0790 1060

0800 0840 0870 0970 1300

= ABV

VVVVV PROMRCh = 0408 =

1000 0880 0900 0990 1350

1200 0930 0950 1030 1410

1400 0920 0940 1030 1400

1600 0890 0910 1000 1320

1800 0840 0860 0960 1270

2000 0900 0920 1010 1320

2200 0870 0890 0960 1230

0000 0820 0840 0900 1130

0200 0770 0790 0850 1060

0400 0650 0670 0730 0930

0600 0680 0700 0790 1060

0800 0840 0870 0970 1300

= AR

4735 kHz, 07-08, 0700 UTC

VVV VVV PROMRCh = 07 08 =

1000 0880 0900 1000 1350

1200 0930 0950 1040 1400

1400 0930 0950 1040 1390

1600 0890 0920 1000 1330

1800 0840 0870 0970 1300

2000 0910 0930 1020 1340

2200 0850 0870 0950 1210

0000 0800 0810 0880 1110

0200 0750 0760 0820 1030

0400 0630 0650 0710 0910

0600 0650 0680 0760 1030

0800 0820 0850 0960 1300

= ABV

VVV VVV PROMRCh = 07 08 =

1000 0880 0900 1000 1350

1200 0930 0950 1040 1400

1400 0930 0950 1040 1390

1600 0890 0920 1000 1330

1800 0840 0870 0970 1300

2000 0910 0930 1020 1340

2200 0850 0870 0950 1210

0000 0800 0810 0880 1110

0200 0750 0760 0820 1030

0400 0630 0650 0710 0910

0600 0650 0680 0760 1030

0800 0820 0850 0960 1300

= AR

4735 kHz, 08-08, 0700 UTC

VVV VVV PROMRCh = 08 08 =

1000 0870 0900 1000 1340

1200 0920 0950 1030 1390

1400 0930 0950 1040 1380

1600 0890 0920 1010 1340

1800 0840 0870 0970 1310

2000 0910 0930 1020 1350

2200 0850 0870 0940 1210

0000 0790 0810 0870 1100

0200 0740 0750 0810 1020

0400 0630 0650 0700 0910

0600 0650 0670 0750 1020

0800 0810 0840 0950 1300

= ABV

VVV VVV PROMRCh = 08 08 =

1000 0870 0900 1000 1340

1200 0920 0950 1030 1390

1400 0930 0950 1040 1380

1600 0890 0920 1010 1340

1800 0840 0870 0970 1310

2000 0910 0930 1020 1350

2200 0850 0870 0940 1210

0000 0790 0810 0870 1100

0200 0740 0750 0810 1020

0400 0630 0650 0700 0910

0600 0650 0670 0750 1020

0800 0810 0840 0950 1300

= AR

4735 kHz, 09-08, 0700 UTC

VVV VVV PROMRCh = 09 08 =
 1000 0870 0900 1000 0340
 1200 0920 0950 1040 1390
 1400 0930 0960 1050 1370
 1600 0900 0930 1020 1350
 1800 0850 0880 0980 1320
 2000 0910 0940 1030 1360
 2200 0850 0860 0930 1200
 0000 0790 0800 0870 1100
 0200 0730 0750 0800 1010
 0400 0630 0640 0700 0900
 0600 0640 0660 0740 1010
 0800 0810 0840 0950 1300
 = ABV
 VVV VVV PROMRCh = 09 08 =
 1000 0870 0900 1000 1340
 1200 0920 0950 1040 1390
 1400 0930 0960 1050 1370
 1600 0900 0930 1020 1350
 1800 0850 0880 0980 1320
 2000 0910 0940 1030 1360
 2200 0850 0860 0930 1200
 0000 0790 0800 0870 1100
 0200 0730 0750 0800 1010
 0400 0630 0640 0700 0900
 0600 0640 0660 0740 1010
 0800 0810 0840 0950 1300
 = AR

4735 kHz, 10-08, 0700 UTC

VVV VVV PROMRCh = 1008 =
 1000 0870 0900 1000 1350
 1200 0920 0950 1040 1390
 1400 0930 0960 1050 1370
 1600 0900 0930 1020 1350
 1800 0860 0880 0980 1330
 2000 0920 0950 1040 1380
 2200 0840 0860 0930 1200
 0000 0780 0800 0860 1100
 0200 0720 0740 0790 1000
 0400 0630 0640 0700 0900
 0600 0630 0650 0740 1010
 0800 0830 0950 1300
 = ABV
 VVV VVV PROMRCh = 1008 =
 1000 0870 0900 1000 1350
 1200 0920 0950 1040 1390
 1400 0930 0960 1050 1370
 1600 0900 0930 1020 1350
 1800 0860 0880 0980 1330
 2000 0920 0950 1040 1380
 2200 0840 0860 0930 1200
 0000 0780 0800 0860 1100
 0200 0720 0740 0790 1000
 0400 0630 0640 0700 0900
 0600 0630 0650 0740 1010
 0800 0830 0950 1300
 = AR

4735 kHz, 11-08, 0700 UTC

VVV VVV PROMCh = 1108 =
 1000 0880 0910 1020 1360
 1200 1
 VVV VVV PROMCh = 1108 =
 1000 0880 0910 1020 1360
 1200 0930 0960 1050 1390
 1400 0950 0970 1060 1380
 1600 0910 0940 1040 1360
 1800 0860 0890 0990 1340
 2000 0920 0950 1050 1390
 2200 0840 0860 0930 1190
 0000 0780 0790 0860 1090
 0200 0720 0730 0790 0990
 0400 0630 0640 0700 0900
 0600 0630 0650 0740 1010
 0800 0810 0840 0950 1310
 = ABV =
 VVV VVV PROMCh = 1108 =
 1000 0880 0910 1020 1360
 1200 0930 0960 1050 1390
 1400 0950 0970 1060 1380
 1600 0910 0940 1040 1360
 1800 0860 0890 0990 1340
 2000 0920 0950 1050 1390
 2200 0840 0860 0930 1190
 0000 0780 0790 0860 1090
 0200 0720 0730 0790 0990
 0400 0630 0640 0700 0900
 0600 0630 0650 0740 1010
 0800 0810 0840 0950 1310
 = AR

4735 kHz, 12-08, 0700 UTC

VVV VVV PROMRCh = 12 08 =
 1000 0900 0930 1030 1380
 1200 0940 0960 1050 1380
 1400 0950 0980 1070 1390
 1600 0920 0950 1040 1310
 1800 0870 0900 1010 1350
 2000 0930 0960 1060 1400
 2200 0840 0860 0930 1180
 0000 0780 0800 0860 1090
 0200 0710 0730 0780 0990
 0400 0630 0640 0700 0900
 0600 0630 0650 0730 1010
 0800 0820 0850 0960 1330
 = ABV
 VVV VVV PROMRCh = 12 08 =
 1000 0900 0930 1030 1380
 1200 0940 0960 1050 1380
 1400 0950 0980 1070 1390
 1600 0920 0950 1040 1310
 1800 0870 0900 1010 1350
 2000 0930 0960 1060 1400
 2200 0840 0860 0930 1180
 0000 0780 0800 0860 1090
 0200 0710 0730 0780 0990
 0400 0630 0640 0700 0900
 0600 0630 0650 0730 1010
 0800 0820 0850 0960 1330
 = AR

4735 kHz, 13-08, 0700 UTC

VVV VVV PROMRCh = 13 08 =
 1000 0910 0930 1040 1400
 1200 0950 0970 1070 1390
 1400 0970 0990 1080 1400
 1600 0930 0960 1050 1390
 1800 0880 0910 1020 1370
 2000 0940 0970 1070 1410
 2200 0840 0860 0930 1170
 0000 0780 0790 0860 1090
 0200 0710 0720 0780 0990
 0400 0630 0640 0700 0900
 0600 0630 0650 0740 1000
 0800 0830 0860 0970 1340
 = ABV
 VVV VVV PROMRCh = 13 08 =
 1000 0910 0930 1040 1400
 1200 0950 0970 1070 1390
 1400 0970 0990 1080 1400
 1600 0930 0960 1050 1390
 1800 0880 0910 1020 1370
 2000 0940 0970 1070 1410
 2200 0840 0860 0930 1170
 0000 0780 0790 0860 1090
 0200 0710 0720 0780 0990
 0400 0630 0640 0700 0900
 0600 0630 0650 0740 1000
 0800 0830 0860 0970 1340
 = AR

4735 kHz, 14-08, 0700 UTC.

Not heard.
Very poorconditions.

4735 kHz, 15-08, 0700 UTC

VVV VVV PROMRCh = 15 08 =
 1000 0940 ____ 1141
 1200 09_0 0980 1070 1400
 1400 0970 0990 10__ 1410
 1600 09_0 0970 the rest was
 unreadable

4735 kHz, 16-08, 0700 UTC

VVV VVV PROMRCh = 19 05 =
 1000 0910 0940 1050 1410
 1200 0960 0980 1070 1400
 1400 0970 1000 1090 1420
 1600 0940 0970 1070 1400
 1800 0900 0930 1030 1390
 2000 0960 0980 1090 1440
 2200 0840 0850 0910 1150
 0000 0760 0770 0840 1070
 0200 0700 0710 0760 0960
 0400 0620 0640 0690 0890
 0600 0610 0640 0720 0990
 0800 0820 0850 0970 1340
 = ABV
 VVV VVV PROMRCh = 19 05 =
 1000 0910 0940 1050 1410
 1200 0960 0980 1070 1400
 1400 0970 1000 1090 1420
 1600 0940 0970 1070 1400
 1800 0900 0930 1030 1390
 2000 0960 0980 1090 1440
 2200 0840 0850 0910 1150
 0000 0760 0770 0840 1070
 0200 0700 0710 0760 0960
 0400 0620 0640 0690 0890
 0600 0610 0640 0720 0990
 0800 0820 0850 0970 1340
 = AR

4735 kHz, 17-08, 0700 UTC

VVV VVV PROMRCh = 17 08 =
 1000 0920 0910 0950 1430
 1200 0960 0990 1080 1400
 1400 0980 1000 1090 1420
 1600 0950 0980 1080 1420
 1800 0910 0930 1040 1400
 2000 0960 0990 1100 1450
 2200 0840 0850 0920 1150
 0000 0800 0780 0840 1070
 0200 0690 0710 0760 0960
 0400 0630 0640 0700 0890
 0600 0610 0640 0720 0990
 0800 0830 0860 0980 1350
 = ABV

VVV VVV PROMRCh = 17 08 =
 1000 0920 0910 0950 1430
 1200 0960 0990 1080 1400
 1400 0980 1000 1090 1420
 1600 0950 0980 1080 1420
 1800 0910 0930 1040 1400
 2000 0960 0990 1100 1450
 2200 0840 0850 0920 1150
 0000 0800 0780 0840 1070
 0200 0690 0710 0760 0960
 0400 0630 0640 0700 0890
 0600 0610 0640 0720 0990
 0800 0830 0860 0980 1350
 = AR

4735 kHz, 21-08, 0700 UTC

VVV VVV PROMRCh = 21 08 =
 1000 0960 0990 1110 1480
 1200 1000 1020 1110 1450
 1400 1020 1040 1140 1470
 1600 0990 1010 1110 1450
 1800 0940 0970 1080 1460
 2000 1000 1030 1140 1510
 2200 0850 0860 0920 1130
 0000 0770 0780 0850 1080
 0200 0700 0710 0760 0960
 0400 0640 0650 0700 0900
 0600 0620 0640 0720 1000
 0800 0860 0900 1020 1410
 = ABV

VVV VVV PROMRCh = 21 08 =
 1000 0960 0990 1110 1480
 1200 1000 1020 1110 1450
 1400 1020 1040 1140 1470
 1600 0990 1010 1110 1450
 1800 0940 0970 1080 1460
 2000 1000 1030 1140 1510
 2200 0850 0860 0920 1130
 0000 0770 0780 0850 1080
 0200 0700 0710 0760 0960
 0400 0640 0650 0700 0900
 0600 0620 0640 0720 1000
 0800 0860 0900 1020 1410
 = AR

4735 kHz, 18-08, 0700 UTC

VVV VVV PROMRCh = 18 08 =
 1000 0930 0960 3070 1440
 1200 0970 1000 1090 1420
 1400 0990 1010 1110 1440
 1600 0960 0990 1080 1420
 1800 0910 0940 1050 1420
 2000 0970 1000 1110 1460
 2200 0840 0850 0920 1150
 0000 0760 0780 0840 1080
 0200 0700 0710 0760 0960
 0400 0630 0640 0700 0890
 0600 0610 0640 0720 0990
 0800 0830 0870 0990 1370
 = ABV

VVV VVV PROMRCh = 18 08 =
 1000 0930 0960 3070 1440
 1200 0970 1000 1090 1420
 1400 0990 1010 1110 1440
 1600 0960 0990 1080 1420
 1800 0910 0940 1050 1420
 2000 0970 1000 1110 1460
 2200 0840 0850 0920 1150
 0000 0760 0780 0840 1080
 0200 0700 0710 0760 0960
 0400 0630 0640 0700 0890
 0600 0610 0640 0720 0990
 0800 0830 0870 0990 1370
 = AR

4735 kHz, 22-08, 0700 UTC

VVV VVV PROMRCh = 22 08 =
 1000 0960 0990 1100 1480
 1200 0990 1020 1110 1440
 1400 1020 1050 1140 1470
 1600 0990 1020 1120 1460
 1800 0950 0970 1090 1460
 2000 1000 1030 1140 1500
 2200 0850 0860 0920 1120
 0000 0760 0780 0840 1070
 0200 0700 0710 0770 0960
 0400 0640 0650 0710 0910
 0600 0620 0640 0730 1000
 0800 0860 0890 1010 1410
 = ABV

VVV VVV PROMRCh = 22 08 =
 1000 0960 0990 1100 1480
 1200 0990 1020 1110 1440
 1400 1020 1050 1140 1470
 1600 0990 1020 1120 1460
 1800 0950 0970 1090 1460
 2000 1000 1030 1140 1500
 2200 0850 0860 0920 1120
 0000 0760 0780 0840 1070
 0200 0700 0710 0770 0960
 0400 0640 0650 0710 0910
 0600 0620 0640 0730 1000
 0800 0860 0890 1010 1410
 = AR

4735 kHz, 19-08, 0700 UTC

VVV VVV PROMRCh = 19 08 =
 1000 0940 0970 1080 1460
 1200 0980 1010 1100 1420
 1400 1000 1020 1110 1450
 1600 0970 1000 1090 1430
 1800 0920 0950 1060 1430
 2000 0980 1010 1120 1480
 2200 0840 0850 0910 1130
 0000 0760 0780 0840 1080
 0200 0700 0710 0760 0950
 0400 0630 0640 0700 0900
 0600 0620 0640 0730 1000
 0800 0850 0880 1000 1390
 = ABV

VVV VVV PROMRCh = 19 08 =
 1000 0940 0970 1080 1460
 1200 0980 1010 1100 1420
 1400 1000 1020 1110 1450
 1600 0970 1000 1090 1430
 1800 0920 0950 1060 1430
 2000 0980 1010 1120 1480
 2200 0840 0850 0910 1130
 0000 0760 0780 0840 1080
 0200 0700 0710 0760 0950
 0400 0630 0640 0700 0900
 0600 0620 0640 0730 1000
 0800 0850 0880 1000 1390
 = AR

4735 kHz, 23-08, 0700 UTC

VVV VVV PROMRCh = 23 08 =
 1000 0960 0990 1100 1490
 1200 1000 1020 1110 1440
 1400 1030 1050 1150 1480
 1600 1000 1020 1120 1460
 1800 0950 0970 1090 1460
 2000 1000 1030 1130 1510
 2200 0850 0860 0910 1130
 0000 0770 0780 0850 1080
 0200 0700 0710 0770 0960
 0400 0640 0660 0710 0900
 0600 0610 0640 0720 1000
 0800 0850 0880 1010 1400
 = ABV

VVV VVV PROMRCh = 23 08 =
 1000 0960 0990 1100 1490
 1200 1000 1020 1110 1440
 1400 1030 1050 1150 1480
 1600 1000 1020 1120 1460
 1800 0950 0970 1090 1460
 2000 1000 1030 1130 1510
 2200 0850 0860 0910 1130
 0000 0770 0780 0850 1080
 0200 0700 0710 0770 0960
 0400 0640 0660 0710 0900
 0600 0610 0640 0720 1000
 0800 0850 0880 1010 1400
 = AR J

4735 kHz, 20-08, 0700 UTC

VVV VVV PROMRCh = 20 08 =
 1000 0950 0980 1090 1460
 1200 0980 1010 1100 1430
 1400 1010 1030 1120 1460
 1600 0980 1000 1100 1440
 1800 0930 0960 1070 1450
 2000 0990 1020 1130 1490
 2200 0840 0860 0910 1130
 0000 0760 0780 0840 1080
 0200 0700 0710 0760 0960
 0400 0640 0650 0700 0900
 0600 0620 0640 0720 1000
 0800 0850 0880 1010 1380
 = ABV

VVV VVV PROMRCh = 20 08 =
 1000 0950 0980 1090 1460
 1200 0980 1010 1100 1430
 1400 1010 1030 1120 1460
 1600 0980 1000 1100 1440
 1800 0930 0960 1070 1450
 2000 0990 1020 1130 1490
 2200 0840 0860 0910 1130
 0000 0760 0780 0840 1080
 0200 0700 0710 0760 0960
 0400 0640 0650 0700 0900
 0600 0620 0640 0720 1000
 0800 0850 0880 1010 1380
 = AR

4735 kHz, 24-08, 0700 UTC

VVV VVV PRO (20 sec silence)
 1100 1480
 1200 1000 1020 1110 1440
 1400 1030 1060 1150 1480
 1600 1000 1020 1120 1460
 1800 0950 0980 1090 1460
 2000 1000 1030 1140 1510
 2200 0850 0860 0910 1130
 0000 0770 0780 0850 1070
 0200 0700 0710 0770 0960
 0400 0640 0650 0710 0900
 0600 0610 0640 0720 0990
 0800 0840 0880 1000 1380
 = ABV

VVV VVV PROMRCh = 24 08 =
 1000 0950 0980 1100 1480
 1200 1000 1020 1110 1440
 1400 1030 1060 1150 1480
 1600 1000 1020 1120 1460
 1800 0950 0980 1090 1460
 2000 1000 1030 1140 1510
 2200 0850 0860 0910 1130
 0000 0770 0780 0850 1070
 0200 0700 0710 0770 0960
 0400 0640 0650 0710 0900
 0600 0610 0640 0720 0990
 0800 0840 0880 1000 1380
 = AR

4735 kHz, 25-08, 0701 UTC

VVV VVV PROMRCh = 25 08 =
 1000 0960 0990 1110 1490
 1200 1000 1030 1120 1450
 1400 1030 1050 1150 1480
 1600 1000 1030 1120 1460
 1800 0960 0980 1100 1460
 2000 1000 1030 1140 1510
 2200 0850 0860 0920 1130
 0000 0760 0780 0840 1070
 0200 0700 0710 0770 0960
 0400 0640 0650 0710 0910
 0600 0620 0640 0730 1000
 0800 0850 0890 1010 1400
 = ABV
 VVV VVV PROMRCh = 25 08 =
 1000 0960 0990 1110 1490
 1200 1000 1030 1120 1450
 1400 1030 1050 1150 1480
 1600 1000 1030 1120 1460
 1800 0960 0980 1100 1460
 2000 1000 1030 1140 1510
 2200 0850 0860 0920 1130
 0000 0760 0780 0840 1070
 0200 0700 0710 0770 0960
 0400 0640 0650 0710 0910
 0600 0620 0640 0730 1000
 0800 0850 0890 1010 1400
 = AR

4735 kHz, 26-08, 0700 UTC

VVV VVV PROMRCh = 26 08 =
 1000 0960 0990 1100 1480
 1200 1000 1030 1120 1450
 1400 1040 1060 1150 1480
 1600 1010 1030 1130 1470
 1800 0960 0990 1100 1470
 2000 1010 1030 1140 1510
 2200 0850 0860 0920 1130
 0000 0760 0780 0840 1070
 0200 0710 0720 0770 0960
 0400 0650 0660 0720 0910
 0600 0620 0640 0730 1000
 0800 0850 0880 1010 1400
 = ABV
 VVV VVV PROMRCh = 26 08 =
 1000 0960 0990 1100 1480
 1200 1000 1030 1120 1450
 1400 1040 1060 1150 1480
 1600 1010 1030 1130 1470
 1800 0960 0990 1100 1470
 2000 1010 1030 1140 1510
 2200 0850 0860 0920 1130
 0000 0760 0780 0840 1070
 0200 0710 0720 0770 0960
 0400 0650 0660 0720 0910
 0600 0620 0640 0730 1000
 0800 0850 0880 1010 1400
 = AR

4735 kHz, 27-08, 0700 UTC

VVV VVV PROMRCh = 2708 =
 1000 0970 0990 1110 1490
 1200 1000 1030 1120 1450
 1400 1040 1070 1160 1490
 1600 1010 1030 1130 1470
 1800 0960 0990 1100 1470
 2000 1010 1040 1140 1520
 2200 0850 0860 0920 1130
 0000 0760 0780 0840 1070
 0200 0710 0720 0770 0970
 0400 0650 0660 0720 0920
 0600 0620 0640 0730 1000
 0800 0900 0890 1010 1340
 = ABV =
 VVV VVV PROMRCh = 2708 =
 1000 0970 0990 1110 1490
 1200 1000 1030 1120 1450
 1400 1040 1070 1160 1490
 1600 1010 1030 1130 1470
 1800 0960 0990 1100 1470
 2000 1010 1040 1140 1520
 2200 0850 0860 0920 1130
 0000 0760 0780 0840 1070
 0200 0710 0720 0770 0970
 0400 0650 0660 0720 0920
 0600 0620 0640 0730 1000
 0800 0900 0890 1010 1340
 = AR

4735 kHz, 28-08, 0700 UTC

VVV VVV PROMRCh = 28 08 =
 1000 0960 0990 1100 1490
 1200 1000 1030 1120 1450
 1400 1040 1060 1160 1490
 1600 1010 1030 1130 1460
 1800 0960 0990 1100 1470
 2000 1010 1040 1150 1520
 0200 0850 0860 0720 1130
 0000 0760 0780 0840 1070
 0200 0710 0720 0770 0970
 0400 0650 0660 0720 0910
 0600 0620 0640 0730 1000
 0800 0860 0890 0010 1400
 = ABV
 VVV VVV PROMRCh = 28 08 =
 1000 0960 0990 1100 1490
 1200 1000 1030 1120 1450
 1400 1040 1060 1160 1490
 1600 1010 1030 1130 1460
 1800 0960 0990 1100 1470
 2000 1010 1040 1150 1520
 0200 0850 0860 0720 1130
 0000 0760 0780 0840 1070
 0200 0710 0720 0770 0970
 0400 0650 0660 0720 0910
 0600 0620 0640 0730 1000
 0800 0860 0890 0010 1400
 = AR

4735 kHz, 29-08, 0702 UTC. Late start

VVV VVV PROMRCh = 29 08 =
 1000 0970 1000 1110 1490
 1200 1000 1030 1120 1450
 1400 1040 1070 1160 1490
 1600 1010 1030 1130 1460
 1800 0960 0990 1100 1480
 2000 1010 1040 1140 1520
 2200 0840 0860 0910 1130
 0000 0760 0780 0840 1070
 0200 0710 0710 0770 0960
 0400 0650 0660 0720 0910
 0600 0610 0640 0720 0990
 0800 0860 0890 1010 1400
 = ABV
 VVV VVV PROMRCh = 29 08 =
 1000 0970 1000 1110 1490
 1200 1000 1030 1120 1450
 1400 1040 1070 1160 1490
 1600 1010 1030 1130 1460
 1800 0960 0990 1100 1480
 2000 1010 1040 1140 1520
 2200 0840 0860 0910 1130
 0000 0760 0780 0840 1070
 0200 0710 0710 0770 0960
 0400 0650 0660 0720 0910
 0600 0610 0640 0720 0990
 0800 0860 0890 1010 1400
 = AR

4735 kHz, 30-08, 0700 UTC

VVVVV PROMRCh = 30 08 =
 1000 0950 0980 1100 1470
 1200 0990 1020 1110 1440
 1400 1030 1050 1140 1480
 1600 1000 1020 1120 1450
 1800 0960 0980 1100 1460
 2000 1000 1030 1140 1510
 2200 0840 0850 0910 1130
 0000 0760 0770 0840 1060
 0200 0710 0720 0770 0970
 0400 0650 0660 0720 0910
 0600 0610 0630 0720 0990
 0800 0840 0880 1000 1390
 = ABV =
 VVVVV PROMRCh = 30 08 =
 1000 0950 0980 1100 1470
 1200 0990 1020 1110 1440
 1400 1030 1050 1140 1480
 1600 1000 1020 1120 1450
 1800 0960 0980 1100 1460
 2000 1000 1030 1140 1510
 2200 0840 0850 0910 1130
 0000 0760 0770 0840 1060
 0200 0710 0720 0770 0970
 0400 0650 0660 0720 0910
 0600 0610 0630 0720 0990
 0800 0840 0880 1000 1390
 = AR

4735 kHz, 31-08, 0700 UTC**Not monitored**

UM05

Note: the station omits accented letters.

Frequency: 5345.8 kHz, CW

01-08, 0503 UTC	Serviette (R), Araignee (R), etc.
02-08, 0417 UTC	9 (R), Table (R), etc.
03-08, 0518 UTC	Batterie (R), F (R), etc.
04-08, 0630 UTC	Vitesse (R), Ordiateur (R), etc.
05-08, 0525 UTC	Table (R), Rire (R), Glace (R), etc.
06-08, 0451 UTC	Echarpe (R), Communication (R), etc.
07-08 not monitored	
08-08, 0515 UTC	Valee (R), Chemin (R), Biblioteque (R), etc.
09-08, 0504 UTC	Pont (R), Ecole (R), etc.
10-08, 0527 UTC	P (R), Couteau (R), etc.
11-08, 0524 UTC	Couteau (R), Pull (R), Vie (R), etc.
12-08, 0448 UTC	Apartement (R), Projet (R), etc.
13-08, 0504 UTC	Television (R), Blanc (R), etc.
14-08, 0459 UTC	Prarie (R), Lune (R), Wallaby (R), etc.
15-08, 0445 UTC	1 (R), Verre (R), Vallee (R), etc.
16-08, 0452 UTC	T (R), Detester (R), etc.
17-08, 0525 UTC	Vallee (R), Kangourou (R), etc.
18-08, 0533 UTC	Refrigerateur (R), Message (R), Ciel (R), etc.
19-08, 0445 UTC	Internet (R), D (R), Hirondelle (R), Argument (R), etc.
20-08, 0518 UTC	Juin (R), Tourisme (R), Infirmiere (R), Menu (R), etc.
21-08, 0500 UTC	Wallaby (R), Applaudissement (R), Magasin (R), etc.
22-08, 0506 UTC	Pomme de terre (R), etc.
23-08, 0536 UTC	H (R), R (R), Hpital (R), Aventure (R), Vie (R), Poire (R), D (R), Le (R), etc.
24-08, 0548 UTC	Mer (R), Chenille (R), etc.
25-08, 0557 UTC	F (R), Plage (R), Vehicule (R), Recette (R), Ocean (R), Pratique (R), O (R), etc.
26-08, 0452 UTC	September (R), Brise (R), Ecole (R), etc.
27-08, 0444 UTC	The (R), 9 (R), Btiment (R), etc.
28-08, 0458 UTC	Soleil (R), Mardi (R), etc.
29-08, 0448 UTC	Tasse (R), Merle (R), etc.
30-08, 0542 UTC	Matinee (R), Universite (R), Baleine (R), etc.
31-08, 0519 UTC	Passager (R), Ocean (R), etc.

DIGITAL MODES

F01

15854/13543/11126 kHz, 07-08, 1840/1850/1910 UTC

00000 +++++ +++++

Pacific schedules

All logs, transcripts and comments come from PY.

13370/11538/10614 kHz, 01-08, 0230/0240/0250 UTC. Wrong 1000Hz shift

95775 91715 20145 59579 36386 09518 00405 04531 16429 71223
41679 01091 82467 79250 79072 14878 88165 04718 57222 89285
46529 77434 56174 15182 83081 43444 57440 52510 99212 44124
23746 12538 11685 17262 88931 63960 36401 79558 97402 08368
54146 74074 35153 04121 73693 04509 94869 60632 46955 29722
42311 38990 15881 16952 76139 19879 95771 77156 98393 24708
24717 30931 37805 00917 33824 78422 93124 07361 17944 71681
88652 60749 11562 12907 59179 29039 99564 26990 06489 82753
17548 81828 94645 40139 21367 54818 76232 67110 30612 68982
66732 17919 75696 47164 09249 27481 03246 57727 96733 91303
19478 50186 43936 93941 76253 04232 26235 71937 29494 40561

27560 22158 24650 66966 64578 91491 88904 58112 79341 08819
34807 92444 17573 45217 05019 94666 34791 13315 12856 57215
97452 41751 58325 39180 71296 85666 24332 66103 14091 59169
82756 79096 14956 00707 65074 06706 47460 07292 77219 57974
28668 98506 63374 60130 01341 96237 48367 89344 81158 00000
00000 +++++

13370 kHz, 02-08, 0230 UTC

00000 +++++ +++++

10614 kHz, 05-08, 0250 UTC

13370/11538/10614 kHz, 01-08, 0230/0240/0250 UTC

78146 03475 22748 63074 13439 78582 44177 62856 91435 43580
42183 07708 38539 36996 16994 11742 65142 84881 44356 56099
64030 61598 23202 46070 89752 55388 47256 87844 36125 24667
30244 33330 54073 55972 39410 66477 76993 59520 17020 29540
458_8 63289 94533 12715 50578 98_74 29157 5_88 33446 38963
17425 33564 12045 7_444 _____ 45074 21117 10027
32519 39500 96072 57500 33660 655_1 3527_ 35833 13008 33673
10719 74438 689_2 34646 45847 16157 73621 87589 5975_ 49997
45760 70617 65955 27123 _____
_____ 40886 86074 67314 91390
20714 34817 81660 16972 21294 18185 86296 06391 35803 08968
37139 74063 85520 34520 _____ 71142 20346 140_3
_6880 0_743 67138 0_7_8665 5072_ 5924_ 82081 67241 2_030
50309 46666 44703 23292 19041 _____ 13869 82139
00000 _____ 00000 00000 00000 00000 00000 00000

78480 69331 11____ 15675 33532 03296 08925 02357 16993 57867
02189 55978 73089 60604 38769 11484 04148 36200 81451 64329
45149 01600 45781 41094 35256 74443 67237 _____
_____ 24875 19949 74219 _____ 9_398
05047 14702 05901 55832 9678_ 91074 00274 10_56 90732 70090
18442 85559 00657 62168 92381 44252 70237 7143_ _9_18 01002
09541 21818 50936 59449 62829 39881 _____ 99073
35830 29151 9_232 55105 17806 40401 82827 27115 58865 41859
66431 04331 29108 54796 44335 82904 81997 93093 73723 62607
60610 68200 67180 58081 71825 57845 05028 04328 32511 30718
27470 61114 10337 44289 92436 46007 07658 57963 10107 50696
61897 28749 90019 20306 60870 81643 61719 00394 96453 71903
54882 81299 05303 81399 49840 54549 69227 16247 34466 4100_
75061 57884 _8334 __424 5605_ 6480_ 60106 371_3 64076 _7118
_9082 _____ 46837 32212 21214 96023 35508 37623
88295 30326 55441 43662 01_43 19346 887_9 745_2 99087 01879
24763 05517 74458 37661 34136 83896 85946 13001 50254 61057
86542 36747 61770 87420 3_953 93772 48785 870_7 82683 488_7

_____ 35433 09317 56235 88032 06490
88454 33210 89398 46089 01756 33568 47073 46980 34329 64666
81_89 08619 34895 02305 08869 6_861 04500 78057 92581 36037
18139 31137 2_272 50294 15233 04516 26163 96903 19880 89957
85399 _8200 83232 00000 00000 +++++ +++++

13370 kHz, 07-08, 0230 UTC. No decode

13370 kHz, 07-08, 0230 UTC

_____ 23677 036__ 50227 53281
27661 0727_ 51940 68352 02953 75166 3620_ 93665 24947 38_51
01526 78937 02620 73803 _____ 47509 75596 43240
62361 77294 24442 _____

[illegible]

The serial-GC postamble "09361" actually contains the message date (August 9th) instead of the message serial number (presumably #86).

13370/11538 kHz, 14-08, 0230/0240 UTC

24990 28854 28843 56491 79931 81673 30675 90153 49979 36568
08424 95176 55975 68531 65935 10185 63102 38697 60030 50022
74255 79979 22448 84205 66100 96094 48685 49862 97489 22387
95913 10071 44928 21920 57168 93554 44777 15260 03993 76655
46893 67374 14727 93537 09365 80114 30632 85538 89063 63691
07032 25635 07676 85593 51657 78927 97913 20387 67394 85110
59584 48831 41605 73843 80218 79744 49223 48973 99931 93068
61809 02544 25210 27558 79738 44527 21310 61529 29739 59211
37966 60127 94930 24186 48075 87525 69583 52873 04067 07500
55769 46517 41629 20833 44087 66591 85490 12958 45670 63554
36937 10306 67636 22884 47759 68768 49200 14346 10305 42743
00597 55408 18341 08168 12043 24765 78399 38008 24895 86890
76297 53611 82204 13563 28526 00392 00859 13305 73181 21257
32481 04669 80145 26233 05302 94304 85183 81715 64162 45753
77655 67787 50859 49900 96535 77039 91999 33024 14409 53338
86572 63387 14154 93962 10411 42288 87985 63569 79729 90532
13543 93397 40944 66250 86722 64180 78942 74996 15937 96173
60991 58073 07481 94754 58493 70016 96705 25030 13744 81177
04673 13875 43913 66337 24997 02860 99406 65299 70534 00491
18821 26388 34639 07201 47659 68794 46646 11537 13009 24713
26287 80976 71363 47193 66712 95801 71776 94653 00822 99490
01532 28002 30578 64039 06522 81274 23999 93668 03528 91763
09509 15342 26570 00546 22346 29547 74535 59359 82707 19756
52264 04771 10313 44022 22269 85559 05093 57146 09302 54267
48667 36835 24929 58836 06321 12316 04318 95296 34147 18817
72418 07412 21059 26374 81722 44244 20354 16384 88799 11565
50508 04352 61784 78046 69907 32272 36010 22186 55178 79068
59972 30876 37837 62539 98818 85583 78909 31251 87534 97062
86238 69799 51038 74534 04148 65898 33339 40283 30163 12716
02987 25594 38466 44902 26958 08984 14774 31749 30201 82645
32339 75912 83004 58061 23740 91142 83391 46707 28167 57452
26716 76795 18885 77167 79656 31989 40550 80288 00794 23026
11088 52614 74946 28193 67806 85048 53486 63583 62430 67538
17770 69073 34754 76083 07927 20968 19594 26245 84153 07234
66727 91592 12718 26279 78509 10539 93859 95190 94851 29983
73769 78397 80254 59212 07841 72670 92571 32492 67380 09413
38206 03788 06955 60169 43418 22051 34580 56301 96432 60510
51922 58754 40036 98405 56711 38861 19347 78593 24541 56120
14455 89480 12264 43886 12603 44702 50143 38896 99614 58997
14967 87391 00000 00000 +++++ +++++

13370/11538/10614 kHz, 15-08, 0230/0240/0250 UTC

00000 60000 00003 43434 32330 00000 00370 CF8BC 0D0A3 43434
30302 03039 35303 12030 30303 03020 313_3 _____
_____ A0D0A BFFDD 2E740 9B488 55526 8D343 C48FA 8E1B0 2B18A
E6A4A 47E33 4E458 E0A84 A42F1 CA7F2 A4F55 7A7AA 0213C 7BC90
9AFC9 91BE1 8FF88 4A269 9917D 7AE1B 71AC9 84CA3 AD9DC C3A46
1648F 4DCE6 A5560 5D9CE 67BBB C173E 85615 434ED 1D1DE 0C860
DF2B2 085B7 28D1F 52A82 17334 299A3 7BA4B 808FC 99F17 EE235
824FA D01E3 7D98D BCC64 00F1E 0720C 10C72 D1F9F E925B 2070A
99B86 47ED3 A2B4B F91A0 ED8E0 5C3A5 E73__ 73B84 B885A CA55C
3C785 BCF31 579E8 FFA93 CADBB F3F6D 195AB 8752E 43181 E9538
8B3A4 5EEA5 BCB43 D3F87 788F6 9F860 7375B E03B8 36D12 465EC
B45B6 58356 EFD50 72FD1 38977 61C02 1A888 D4684 E1D77 68C48
CE71E EF4C0 6CCBE 78053 A6BBF 2C40E 9127B B11FE 4D88E 1FE0D
B8656 512FA 8E57C E34B2 A4D14 04831 2820B 8BAA9 8E2F9 32530
9543D 4F024 0E8D2 63CD5 839D6 7E1AE ABBD7 30ED7 09387 1C164
076F6 12F6C BEB69 CF812 83235 F33B8 ACC5F 19D35 E029E 941B5
02486 B260B 0FC79 8F40E 0757F 8CF8F 963DA AD41D BC79C E0E77
DD4A4 F125F 64850 ED17E A93EC 773A7 3E0CE 493F0 62CE5 75EF5
E1F97 7582E CB82E 72E30 4CE73 DBF64 D304F 2E38A 6FB3A 37425
63D3B 7AD3B 5217A 72549 29CC5 ED5E5 9A88D 1BEDA 060BD 176B9

```

68DF3 47FD1 04600 DE57E 7206C BE538 5CA9A 31D6B 86A77 D60AD
823DB EDF75 FF36C F2DB2 0FC81 E5DDE 7CC95 83F4E 5A59D 7A461
07DBF FA2FB C5023 95A12 8F8C7 F27AD C248B 1DCC7 18230 30E8E
31359 68457 D8E2E 8D900 EC69C 7034B 1BEE9 F0689 CF2DD 0CFF0
B5A9C 330F9 2838E CACDB E7217 B898F D7994 1527C FB835 C0566
F864F 40C6B 90A15 011C2 5BF15 36D43 B6906 3FB53 9E418 93301
74FD4 513EF CB109 B0EDF 9C8C4 9DAFE F2AD0 19134 37CE2 7408D
33BC4 CB6E7 8630C 36653 8E997 A9A4A 345FC 3122C F562E 1527E
96CF9 7E8A8 98B09 7A7A2 192DA 17665 D9A9E C1310 DA883 BC6FA
BDDF9 07518 B038C C907E B2B86 DC97D 97940 BDEE7 1EB57 BE08A
094D7 6F93A E9513 37D8E 8475F C9418 44D40 DA7B4 89BCA 4F7A0
BB0E1 84074 A6281 EB9EA 66FD2 267FC 93152 E799F FE701 D74A2
9B895 7AF7A 895FC F20F7 CAF2B BEBE5 9B85B A0450 75862 49168
4A36E 4DEB2 2EDD8 E294B 3859E 84666 7CF44 926F3 59E90 16A08
81D44 222A5 AF7AB 290BA 83FDC 3EC4B F934B 91496 C410D 4EAE9
44386 1A7BE 91835 D942D 05016 2011E B4F69 05DEC C3767 E921B
14FDB EA12E 59068 58751 8E65C 48434 FB284 996E0 EDA1D 8144D
93541 A8363 9DCA5 4658B 33E56 53527 F0DE0 552A5 8954F 6B9EB
35A48 2EF6B 9213C 5996C BB773 CB664 00F72 1A7D4 3B6A9 82065
A1A53 1C1F8 FACB2 66C59 630BF 3537F 4FF83 CAD0E 5268E 0420C
76141 493B9 94FB3 40B42 34F59 7B022 3B5EF B8FBF 8FADF CC2F8
1B649 718FC 22D9A 934ED EC9E1 A07AF F5A51 769D5 42575 8D257
FF805 EA31D 92B3F D4401 C02FB DAFEA _____9F6 BF7E5 0658A
51870 F674C 48BE9 6C66A 161FF 307B0 67903 F39B0 FC378 56064
4ECF4 CCDE0 B4622 F1887 69E6A 91AC7 22732 16634 61B83 CC709
BD0B7 0E309 5C281 7B3CC 8D3DE 62409 8501E 63831 F8352 D4B43
4A690 3BBE3 AF274 352FF 94151 A68A_ _____0 0_96 2B4DD
9A718 AB981 DA5C1 56902 8433D 33334 7DE24 4EBCF 809BC 0D9FD
DDFC0 D5ED3 C0BFA 64EA6 5FBD1 9_____444 5FE2F 89643
73DFD 1CBF4 65637 33DC8 78922 47339 FEC56 98519 F450F E9048
A5956 D7EA4 DA313 8E7C0 0A4CD FA87B 1D93C _____
7EFB2 B1B15 6D8BF 7DFB6 20D4B 3066B B4B74 5C729 93AFA 37DFA
C66F2 DC662 28AC5 4F6CB 81FE4 5274F BD25C 3506A 0BDF4 A217C
CA18A CA1FD 431A9 3CC43 D02B9 36AB7 56AB9 26351 9B084 F3B47
558CE 00DDE 70C51 D7441 B27C5 AD05E 6F4B8 5F051 97587 90451
B49E8 A2E3A 0A6E9 3E876 0EDB1 A47EC FC641 B93E8 42C4C D7015
900E7 5F0D3 75B52 50DB9 84A63 BE12D 9314A 4E196 41C75 FE9E6
DDCB1 AF83F 4EF93 B1E7E 38E9F FA9AD 54147 F3D0B 29BDE 55432
C1620 3A343 6AF31 59185 BF02F AEA74 755FF 1570A 0C07F CAA49
3147B 74D7C 25C08 2FFF1 D7414 6F51D 7D377 237F7 E615A DF7DC
CC60B 1B462 ACBF3 556DE 5E37C 8FA5E F2852 1__79 __73_ 96401
E4413 14903 5CC10 A2D5F F6B87 37281 2DD4E 53BD5 2EC6C 44B9F
B554C AD15E C6000 0000+

```

(Missing data due to incomplete decode is marked by "_" characters.)

What an outstanding discovery: letters mixed with numbers, in F01?! I didn't even know that the F01 modem could actually shift between figures and letters, I thought it was just forced in figures shift. The letters are only from A to F: this a hexadecimal data stream.

And it is actually the data stream of an F06a transmission: see <https://priyom.org/number-stations/digital/f06a/> to understand the binary format. We start with the F06a header. The first field is "00000 600" or 0x00000600 which is the length field: we have a 1536 bytes file. Next comes the file name: "00 00003 43434 32330 00000 00". It is encoded in ASCII, so byte by byte we get 0x00 0x00 0x00 0x34 0x34 0x34 0x32 0x33 0x00 0x00 0x00 0x00, and that converts to "44423". Next we have "370 CF8BC", which is the file integrity checksum, 0x370CF8BC. Then the actual contents of the file start, and before the binary section it includes a small text header: "0D0A3 43434 30302 03039 35303 12030 30303 03020 313_3 _____" ... That decodes to 44400 09501 00000 1...

So what we've really got here is:

13370/11538/10614 kHz, 15-08, 0230/0240/0250 UTC

File 44423 (1536 bytes) 44400 09501 00000 1_____

And that is a repeat of the F06a of the previous day. The file contents and checksum are the same too, until the last byte, 0xC6. The last block of the F06a transmission was 0xcd15ec60099999999999999999999999, and the last block of this F01 transmission is AD15E C6000 0000+, that we could rearrange as "A D1 5E C6 00 00000 +" : like in F06a, the end of file is followed by a 0x00 null byte marker. Then in F06a, the rest of the block is padded with 0x99 bytes; while in F01, we have as usual a common 00000 outro group followed by "+" characters padding.

In the end, that day, instead of a common repeat of the previous day's F06a and F01 transmissions, they repeated but swapped the messages. This would explain why the 0100/0115/0130z F06 transmissions repeating the F01 message used F06a 15-minute spacing,

because it was actually an F06a repeat that was scheduled. And it is remarkable that they can send F06a files through F01 without trouble, possibly even by mistake. It makes you wonder what their operator consoles look like, and if they support sending any type of message through any mode they operate simply by flipping a few switches.

13370/11538/10614 kHz, 16-08, 0230/0240/0250 UTC. Wrong 200Hz shift

00000 +++++ +++++

13370/10614 kHz, 19-08, 0230/0250 UTC

10614 kHz, 20-08, 0250 UTC

98845 20613 39610 67941 14032 80255 83220 47259 88337 97314
80846 20381 22840 07210 34033 76834 64510 88211 28273 36078
36258 86208 22643 70398 22840 07210 34033 88835 70413 61764
88978 68088 57564 93269 31754 41325 83122 35784 07355 80846
23205 18023 74834 35525 62198 36983 69590 08978 27341 49640
55378 89393 81617 56142 34088 66955 54634 72950 05184 99803
16170 19354 92043 14469 28095 65805 77375 51717 87353 17509
14908 93738 65630 31697 09934 33622 40525 92041 83099 73060
57773 16170 15354 92043 53299 76924 99962 96618 56748 14220
73607 95280 75196 96903 62979 40536 86724 47094 08228 95981
98540 21999 76230 75180 49342 44478 03146 43176 60606 78237
64107 33717 66488 96077 08254 93152 77023 14656 26273 86916
54318 94188 42661 29552 06416 26532 49869 24207 28528 60073
26535 22542 46309 34886 06983 88135 00000 00000 00000 00000

76551 71785 04410 40253 60350 76982 18256 62997 62638 35857
78680 09896 43573 85514 15870 60175 05388 45137 64622 19358
06451 26956 03458 25592 08142 43768 28688 31517 65947 99590
43767 19660 75262 64466 43912 20612 88102 03742 85004 56341
51572 12685 29083 20565 26905 35711 52515 61541 62498 25343
49517 43419 19403 63364 86711 62758 72679 61384 78651 49915
37077 82967 67256 09982 90464 54542 45104 82954 53452 57270
83490 27842 28650 17046 51231 60370 07573 34845 35111 99006
21476 24581 97931 98952 26109 50672 35102 78830 97863 82504
15696 69720 95731 07974 18917 41255 10914 73302 01919 84447
99728 48304 55504 55952 23643 85303 64449 13432 44871 60880
90988 96728 50978 22637 71395 34524 06528 78871 32602 81171
58000 96445 07183 13396 32037 12734 26868 41544 14433 97344
34852 15068 94320 80296 77998 26941 05388 49137 64622 46680
09755 62098 62278 14279 50178 43768 28688 31517 06281 55471
64744 84952 66453 57542 62278 14279 50178 05682 70763 96725
67901 48581 90962 97607 28681 19009 99089 34886 81782 35534
24199 09860 88841 57087 89728 58640 00028 57540 55146 04129
32651 12491 18629 13161 75654 15441 66714 88518 68406 65564
81862 50489 27266 94235 43869 87668 18325 89197 00000 00000
+++++ +++++

11538/10614 kHz, 21-08, 0240/0250 UTC

13370 kHz, 22-08, 0230 UTC. Wrong shift

11538 kHz, 22-08, 0240 UTC

63347 77564 94004 50289 63556 21388 54263 93509 70455 15606
52782 67276 65379 21752 46515 77825 61810 93735 12515 22889
85792 23668 95774 24675 09567 53785 87639 15673 49371 09193
08228 44486 63329 31075 91281 93865 10386 15103 94904 28140
56202 84686 86617 12228 36977 53790 76162 69424 17059 58983
94499 70132 01593 65412 42436 68753 89291 76391 57317 30898
77659 01290 71225 18123 55220 61413 59118 22374 42517 38554
00342 67322 67546 95909 01972 18781 86600 26045 57395 71396
86457 05618 38591 03792 28862 61473 45539 85357 23215 77926
61193 14871 38457 99787 85461 44142 89983 10900 46624 68858
62674 92853 13632 13828 55842 93551 57721 68806 61110 60340
36784 04090 09132 17366 00930 92066 46102 91866 42669 51912
25987 19073 40174 55621 29410 80404 67037 90550 45146 54670
66571 86676 75140 86923 16889 65742 49007 04700 26801 14492

58932 36292 49962 33167 50930 10769 01719 90147 00000 00000

80869 08522 69477 75713 79261 09149 95905 24227 03202 33272
26423 65300 45824 06795 66702 83037 88335 44202 81321 36140
57335 28821 88849 02094 59445 54908 66011 66753 03066 04987
28133 95293 31811 60874 78031 45429 27397 71843 40557 08866
60632 28343 24964 91908 38217 14729 82302 71171 25027 39432
50016 85315 46570 66008 00937 48765 01313 93502 38858 98333
37552 59567 07878 08693 74528 64774 07706 37635 72462 41552
32102 87050 81208 16194 72661 90566 22204 37365 55107 63788
83407 69553 00298 78070 31924 74901 27124 43763 73971 31853
39491 13871 16921 64049 64572 44048 13060 77924 34512 65899
89788 32425 28780 87481 95924 89293 19356 47980 18815 17367
85935 02476 51929 49299 93335 57751 17632 14181 48305 29068
80869 08922 69477 00852 66111 80628 96690 31230 84259 22091
54776 61349 62516 97670 84142 15420 18587 54173 85201 02418
06898 86461 20917 55385 58849 57468 10612 69268 15743 81587
40690 23221 84074 19885 34424 98328 67875 60561 48020 26672
57793 83101 85137 32676 81600 29564 47055 52689 45812 31426
60665 43712 23108 65437 51493 17233 65240 36917 53920 59093
46117 13926 75799 21328 64756 60753 59656 96913 62775 44167
07659 13369 36138 10845 62546 06134 45809 59439 61694 57675
57034 55706 06524 13256 61918 64145 14422 09294 64586 54568
45369 75261 36429 87061 20466 95055 62703 83751 74540 38782
49190 60830 10019 00880 54585 19275 44264 05537 61720 57694
67550 65327 14495 75733 53870 04007 75609 81498 91769 79408
84784 01407 27377 67369 22164 15926 36837 92634 06567 69628
70325 91251 00000 00000 +++++

13370/11538/11538 kHz, 23-08, 0230/0240/0250UTC

00000 +++++ +++++

13370/11538/10614 kHz, 26-08/27-08, 0230/0240/0250 UTC

27-08, 0230z: Wrong 1000Hz shift

54965 88608 28972 43645 96928 66020 40801 64911 80157 73246
64902 88831 34700 10022 15866 12984 71564 22018 50062 34230
25127 06483 55554 77045 13568 08202 00683 80183 90819 72984
70235 21259 88456 50859 50160 84096 70957 66154 46749 98372
52793 96671 51231 06338 50765 29122 85712 36275 70031 83022
91404 87379 47266 20235 45072 55753 99382 82338 14642 56203
51265 23018 89909 19522 40934 27668 49283 69947 25597 37382
48496 12491 37014 19527 42232 84802 59615 52089 74597 53292
29812 13975 99379 58162 79935 98458 16028 37057 75243 91958
32291 82019 17429 85334 89456 09431 13069 09893 11127 47620
30459 15287 61460 71852 93257 31498 23830 41353 84382 82083
35828 18079 58609 40888 41553 71908 87284 49394 47120 01953
83619 36905 90335 28665 81973 10751 60465 36432 69594 08701
29037 71350 94222 30765 77620 23859 96022 92582 33514 50929
37262 67580 49277 17486 28188 10088 87052 61759 72523 76591
93609 14248 81039 87329 77045 24584 26627 95399 21087 78786
39308 55576 21376 71179 74375 10024 65520 98721 33871 33090
60333 93605 84248 81035 21376 71179 74375 88212 06570 68670
77923 78917 87321 20560 38098 83700 32253 57635 22177 80721
16036 47564 15068 02312 14259 12989 28483 74585 70265 09467
09429 53643 44902 17973 21450 25540 85120 31638 97062 62211
72357 41408 84822 50548 36640 50321 39451 36795 47351 71087
28474 53474 16591 86650 53795 21016 76078 78431 11650 41283
13521 51930 39381 25177 79393 14382 22460 70195 33420 09703
60201 39349 58232 36552 13616 80974 26516 15775 83816 27705
65296 67624 94432 45723 20589 72742 76474 04107 82978 85000
79060 22263 93518 04763 54479 88939 07547 41696 90985 20008
52342 46824 91807 47201 39572 18495 23766 54997 18459 11977
83974 07835 80607 07342 58028 34850 52433 15349 68151 64317

36119 25994 34706 24983 85050 29426 99533 56491 24662 63918
84535 96064 54623 70570 83958 33656 93318 59441 13796 52732
50543 16796 66768 98900 39367 08147 46300 43548 63087 56791
77935 34691 38221 02522 21641 52214 39472 70195 33420 09703
77602 02861 49679 70030 46158 39118 92793 66983 97973 39407
21290 49606 37406 90912 73105 92930 39219 45758 75348 39822
30079 72204 18998 68584 93570 23509 21981 02041 84699 54159
29074 00761 64792 38151 22049 07567 92793 69007 38516 35487
33605 46224 22896 16359 70244 77821 57952 52266 29369 53711
50338 36990 57496 69534 68572 39669 08016 05690 56906 67858
25214 91215 73496 52163 36220 07228 26339 19648 86781 09593
05392 48202 81839 75531 34325 19043 16820 03829 90340 09562
10587 23350 92412 00000 00000 +++++ +++++

13370 kHz, 28-08, 0230 UTC

13370/11538/10614 kHz, 29-08, 0230/0240/0250 UTC

92902 00183 51447 34962 77783 89513 18350 48730 33028 48446
79974 58760 28155 26207 65638 02528 80005 29339 94748 85548
33522 44351 83809 85136 24265 69058 96874 71439 27375 76054
56650 31701 22593 56747 58434 08684 30153 19400 54062 89186
97113 39612 98075 03602 38884 86682 73272 22438 65604 74287
37845 60762 48089 08909 61251 26480 02997 34458 41274 73411
08938 56530 18632 45075 34155 74720 32717 20152 77606 56444
84260 95526 57900 50703 97934 67876 00004 65227 01817 99732
02284 95433 65931 80943 87593 98636 67066 21494 11109 51955
72040 36607 29580 17345 96619 10066 61706 62195 02262 46699
94301 08936 37887 49963 13958 12079 18846 85557 68875 86145
60292 17016 90566 32901 67129 24205 30098 41355 27733 40673
88582 58940 63623 70781 46592 57332 52291 72558 22180 41327
65347 17220 12210 74225 89196 61274 96671 18161 20416 92178
10673 12803 53032 33455 13791 40877 99874 20223 11479 53945
15203 81075 08211 56865 10787 87248 97045 74391 82637 55002
15318 48335 79684 84781 38106 38728 57757 64798 70238 27433
82565 24838 98380 47629 79684 84781 38106 87611 92915 50234
25426 42353 46700 66322 75593 11246 28605 98888 32833 65483
19959 56408 23677 33499 16819 63567 68603 77918 08450 22439
31667 62441 05525 22194 12799 32116 35205 83285 12476 55416
45311 47039 23440 01586 84760 46597 29148 51659 52466 20142
13659 66629 31871 52350 12626 61163 53323 54995 60093 56335
51467 22658 10779 09795 09840 24470 42536 46817 09866 17824
68674 40666 26433 95000 14836 15712 37235 98643 40102 71746
38073 67012 07040 52915 81302 94963 30346 09732 79609 21597
58801 56650 31701 22593 70210 20165 36366 73450 84018 11351
85250 53813 21290 53797 75968 30045 66738 57865 57284 25772
12497 29208 81808 37507 05406 38490 26490 12949 07831 71674
45518 50079 85759 34315 81808 37507 05406 08286 46274 12482
41479 84394 54255 33234 67720 19309 03914 39658 04089 90240
43382 57851 93312 00000 00000 +++++ +++++ +++++

13370 kHz, 30-08 0230 UTC

00000 +++++ +++++

F01 – FSK 200/500 Mon-Fri schedule

11076/9164/7316 kHz, 01-08, 1015/1025/1035 UTC

73555 02111 25158 27630 30487 93858 64174 48210 81491 92414
89773 15975 97553 51026 34763 02837 52675 86835 95578 19570
18664 23603 89630 21268 86196 65772 69383 96498 04345 64820
97863 63589 55733 63833 15278 22476 09542 31237 51433 35551
19518 19634 63648 35967 59201 10667 04838 86801 11543 31857
51458 39555 55104 56358 46009 65387 14027 21552 33767 57558
63958 27429 98451 28490 11123 00695 26502 49896 86727 35538
54650 09421 23880 46989 80487 82207 09222 97821 40709 40862

26452 84921 86713 52216 33932 96068 12260 13087 00000

99516 11141 38617 22429 96809 86151 49273 18068 08573 21697
55087 09750 90875 06891 20458 88585 19863 00365 03064 40593
88770 59089 16741 54860 17537 30193 09317 06434 35951 10454
78811 31087 26276 03150 76456 34177 36277 26967 69973 00776
98601 56642 65541 99244 17443 00031 11887 95468 08427 41291
34954 19911 02658 04867 76560 54694 50863 19957 35513 32888
88572 90164 34589 67184 48273 98008 61842 50165 29464 98981
59655 93330 62576 84851 59989 97090 27660 20888 89262 68896
13805 86697 91289 31709 30220 75367 41731 89980 04907 14089
00000 +++++ +++++

11076/9164/7316 kHz, 02-08, 1015/1025/1035 UTC

00000 +++++

11076/9164/7316 kHz, 05-08, 1015/1025/1035 UTC

52728 64488 55105 20015 92485 63432 30968 06910 74142 54002
27177 64420 42364 90166 41770 98730 83034 51120 94628 03751
13237 34959 14579 90382 96339 77834 53935 52991 43111 03289
53926 90274 84810 31456 09436 22713 29185 02810 06492 73788
35318 96147 30956 07161 68266 45507 71838 36991 19409 85688
67674 53590 03464 81087 69412 31595 68104 ____17 50518 23728
77105 61637 61777 81170 52963 17936 57125 71216 89928 37510
34113 78602 73382 58766 17277 63490 66501 84484 29955 64808
50148 24993 28947 67319 26909 62156 43184 88692 25247 13848
14830 78792 64676 03592 66273 48359 67917 65077 41426 69272
30955 36221 94778 13578 86953 22462 26655 23482 24948 33991
88079 29485 49263 26588 03728 58842 90591 00761 86370 01554
04669 38874 41262 26055 19484 84951 83907 61801 16963 96843
19648 90940 60064 25445 58496 16249 01217 00649 63667 97525
33047 28731 57235 73634 67328 30843 31359 12375 53093 77307
38510 55372 69834 97403 59139 50179 56749 69326 70232 86765
63957 20008 63165 80594 36620 89494 84333 69466 67916 39555
96953 51321 81800 11222 87508 35185 31481 60939 65248 82445
24559 30017 28204 80654 10771 27072 94135 67024 93258 28140
19865 83837 49316 24160 57417 52918 71546 70498 20425 01392
65361 18223 59218 30882 63776 31793 68045 47376 45417 22870
72861 93897 66693 54923 73115 53216 44067 98325 35984 12759
47358 40629 66485 08912 90020 81697 01901 92910 27332 68393
03964 85498 98422 48503 47224 12535 73102 48586 27059 38760
89400 05443 35732 41882 92766 05871 79971 94189 12875 14424
38481 43863 38957 93841 82834 13197 79613 47834 10180 55880
18026 40931 61208 40573 98531 75061 21801 52916 05469 27557
31820 33202 20253 80274 49451 91867 67610 94516 44559 70016
86909 11439 19486 37134 89529 82637 80716 43214 88197 60594
09879 67451 09242 03678 07478 30716 23685 75377 07838 63977
58129 42472 88665 49878 71361 01798 23675 79632 07618 90331
51731 92452 62447 58254 60918 89677 22108 09691 10999 40797
62443 40815 42683 23557 18156 30007 47155 65337 58441 59741
94287 77982 29901 74910 42992 03279 52675 07255 82122 11267
80746 20598 75399 18566 62326 56566 08764 18912 61291 85486
63610 43091 25578 92147 64343 90446 13505 51110 73684 99162
13921 71255 34166 47506 21160 14265 79260 03207 50705 16703
62574 63175 06515 70411 78542 50736 35951 40885 73068 62571
33238 28325 67541 82556 77396 01054 44672 04679 15588 55986
69573 32227 27806 85835 44549 45436 33849 57739 20994 54776
28525 33010 16873 82074 56005 82680 13196 36657 59284 78533
27940 15411 00000 +++++

11076/9164/7316 kHz, 06-08, 1015/1025/1035 UTC

57128 83749 86334 93942 66859 38073 13546 44194 70237 21326
90436 75839 84631 75214 74841 99508 45497 63515 93126 59519
11790 42887 13042 91845 24597 99807 47122 34936 29941 08305
60115 60538 01670 88179 78828 16734 25386 68400 27871 00372
29352 85367 39705 01080 73298 70720 12450 84043 31087 08393
13884 03751 28155 65580 55067 16055 00000

68527 90353 05666 88440 34973 63857 79069 82439 27665 79769
15713 25188 09675 84182 74742 30851 18992 77862 89072 84392
57362 29188 73807 02408 88209 32487 61698 29212 10817 47734
45361 66619 02978 82519 30900 60847 49283 02258 32654 94999
97244 79537 63744 60534 08434 18584 02108 06192 96834 15749
36706 87786 71579 41976 23596 67329 26284 58174 06560 34888
42130 99440 81961 51655 96926 89071 12537 37633 97303 68287
19795 52390 76234 52623 09717 42322 23090 50924 11453 52849
38393 07859 33680 29001 30462 55921 68336 52807 96148 87836
96401 90953 52834 85311 75412 51118 13888 65076 13407 70445
24772 28144 58985 84581 01975 23235 62163 17107 00000 +++++
+++++

11076/9164/7316 kHz, 07-08, 1015/1025/1035 UTC

23465 51562 15815 42253 57100 53430 14601 88410 73915 92146
03940 26672 87031 86610 19799 19282 94670 37868 92098 14249
03929 91732 76536 98236 64024 48761 23233 33549 19952 76283
55636 46383 22486 02173 58109 58530 55471 95041 95652 79735
66333 60543 14192 02877 10748 08485 94863 69171 47414 70421
60755 95585 43857 72430 59510 81643 79205 92744 70257 37807
54876 58939 08293 02641 49115 64358 25952 40923 76310 08462
33110 39902 37039 90791 85754 45889 69769 13236 16052 08370
40162 70279 02366 23818 28903 31936 02644 96409 04017 49037
99631 57816 88577 35575 31335 13266 59785 07783 05169 06068
40307 84644 19245 17774 67856 79510 39221 46175 53928 37521
04153 28321 67627 98514 59787 00739 05539 90112 42739 14057
33562 80664 63980 44198 11669 46753 65081 67356 37492 34925
45650 90916 69714 22357 85393 57529 17173 06131 09248 64513
04619 75812 69016 65779 51089 49012 39942 48455 21798 74631
55664 01418 39510 33465 29990 17890 66323 90851 38916 99324
91792 81076 61349 52731 88349 28180 01953 98657 19936 32897
44552 31995 14798 80390 09557 02813 38385 48467 13815 09388
27279 25981 56348 20639 70091 36086 78409 70138 46280 24059
71281 88894 58809 14339 30282 69088 21591 16504 78383 75960
87656 04865 07915 50025 28983 61352 13750 66802 03918 56390
16451 46267 73140 72456 98782 29179 50096 99992 04052 62503
96839 60377 69687 61102 01224 35627 94523 37876 96378 09534
63210 19555 08410 49903 76180 90318 43257 86604 58634 30441
48651 65103 46959 42138 12106 80170 76021 79807 80881 19458
15791 26858 14865 71618 30702 86297 08283 78671 60216 77295
41217 37288 44016 54865 46832 78692 40253 94904 05264 81867
10312 11734 00112 99738 68511 00358 98457 03047 20182 20610
40365 71570 36564 65385 48780 87411 39958 80142 95793 10011
97562 25858 86171 37595 47450 02633 44120 84727 05102 76124
14210 30674 23946 73998 12390 18245 08342 44596 88045 07820
02443 94981 83024 16229 03372 50586 98573 95193 72150 03610
06127 08999 40826 42391 62869 56096 39223 78910 18037 44313
89757 16632 20865 74369 43761 25866 66137 11382 57746 18834
38278 69038 33046 41630 39904 96145 67274 25268 15797 40216
91036 62987 08216 67801 88336 06033 04504 46248 24108 95061
62906 16569 27313 69393 27559 12111 03048 21278 68567 02719
72084 87366 08127 69064 61296 94577 18609 36847 93396 02554
03561 25544 49436 09874 97556 91395 02483 16233 45826 69316
45939 57763 49613 43425 64924 57688 88186 00870 24156 59491
53458 48642 70776 34800 58127 98069 75558 83157 03305 46670

60926 65879 16542 12054 89231 41180 96206 97571 09717 92754
23154 94380 87615 18423 00000 +++++

11076/9164/7316 kHz, 08-08, 1015/1025/1035 UTC

06187 33010 50344 91788 91366 68445 61822 53788 89936 31772
69011 33442 61334 27379 04875 25624 05216 54881 49196 12816
26823 79739 00443 18194 71218 48121 68829 64683 87279 50693
14008 57155 07439 65017 75819 29951 54070 31258 71557 26935
08477 40866 58168 06245 03414 42950 82826 86941 25088 98004
70337 79745 35557 33686 20784 69028 51491 82337 15870 38279
40206 04926 57385 56200 18926 31106 86250 65646 68206 70074
55554 42576 95451 71916 56032 17214 09471 44130 17432 74602
92004 53010 34192 76745 77161 64584 88866 73509 74704 04788
71757 19091 00000

29164 25372 37623 71083 05089 62083 74099 55469 24052 77129
25777 72543 85191 73305 17148 72385 51973 08243 12910 36168
93709 20771 43516 72683 11949 81596 52318 22778 06412 41733
31469 07640 60162 77124 38786 81868 48711 52896 12765 77266
02728 55674 27916 48293 79056 67405 57624 55116 19717 79123
36719 45194 03584 68089 40933 19339 20430 86751 25449 93179
22015 36954 89709 89982 29920 27850 60690 25753 04804 40922
11813 72555 06770 50595 59692 10998 01538 73828 05904 07820
92107 47165 15955 20083 00000 +++++

11076/9164/7316 kHz, 09-08, 1015/1025/1035 UTC

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11076/9164/7316 kHz, 12-08, 1015/1025/1035 UTC

05192 78360 05087 87297 87052 83485 49550 02531 21457 14948
45382 80844 41523 21330 25419 11011 89033 76163 55437 87506
39375 46403 95275 09897 67210 64511 78033 72552 63803 58854
80762 11886 41944 22073 85108 03289 89413 22143 51328 24973
56911 85785 54122 30886 91403 08940 53724 99904 50813 73965
00678 53472 60994 78274 97745 58896 00933 04080 67384 60464
27106 83933 98222 05589 72937 41770 68978 58155 84290 14108
73261 16262 76934 81128 93685 76550 26913 62294 98739 12294
29776 56217 60845 57453 89576 29440 19047 13871 23612 83843
34770 23801 93804 57344 14077 74954 00697 37586 94868 30253
00971 93305 22468 99482 34444 53063 62010 95020 71478 86019
21099 38839 16729 64459 81142 12960 30190 12729 60828 70560
51446 72298 60158 49905 38107 37619 58489 58298 54312 42468
65014 18251 70299 01471 45126 93029 58920 36489 71095 33796
00085 42555 70495 15516 29045 73045 70834 53820 89461 48783
63800 20018 77199 20750 37580 96428 85780 41103 50684 39254
89435 22175 45710 41132 24686 88152 26479 10612 56405 49120
47001 10686 39285 52152 85687 23610 10655 89140 03249 34172
75582 66056 07734 48606 70192 63316 75127 91339 14160 41954
98952 46761 88281 75278 67315 38191 98104 10711 90828 61250
09504 91480 29855 13813 67190 92873 94494 89720 32056 52723
15776 28464 98305 00818 11467 38003 76313 16929 94958 32917
52135 72141 00644 55078 59627 33163 24252 69034 26088 34319
01544 49279 77383 46907 73842 01612 13476 00598 13799 85759
90305 36584 09868 31462 68948 97145 32897 65199 18010 81332
33289 89750 80166 21449 42173 83770 38811 60025 75003 13581
45734 31964 61053 74343 95774 81549 47212 02831 59381 69012
49545 28951 09024 46326 51040 58240 00389 06932 68983 02497
94293 39081 40402 00745 30270 37471 99014 97720 87734 52875
42116 72062 95702 84443 10848 31403 76969 44372 32278 16530
37705 49620 96741 81831 38395 20364 68870 44187 07067 89881
55749 17510 80738 55544 80638 75116 86029 25616 35707 07119
94863 41533 12199 65024 16216 80367 31482 10727 09823 67147
25413 12081 32810 51733 39457 52250 55163 29926 56999 45004

04986 13512 68280 73166 29480 78904 32406 92393 82587 49104
05854 67473 75224 88635 35924 33324 49058 16161 42572 97899
59753 64464 37054 29170 80622 42479 50824 93368 62637 79053
73128 36703 11713 53151 20726 27705 69218 40153 88172 02419
06651 28968 52115 79599 70405 89626 28024 38129 37577 96058
02799 73817 68739 33723 91702 77793 68629 46796 93037 03661
90688 04600 39024 15610 46376 91943 66294 34679 05213 53098
54467 25344 96489 44052 06220 89629 48560 72767 67296 21419
00000 +++++ +++++

11076/9164/7316 kHz, 13-08, 1015/1025/1035 UTC

32683 90605 46042 44637 31242 90129 27602 23605 39226 82418
83986 45752 78737 62036 83301 03061 41885 25546 63419 35151
53114 01875 77546 25906 96070 05434 53571 68945 84723 10429
59365 62878 83394 69793 91230 22292 05413 27206 27674 15384
45069 95588 15709 64204 22549 00562 81855 68428 46557 12277
85046 38603 24290 14060 53601 49799 73468 81309 73479 51621
16108 69093 19991 95490 58709 31864 50145 65160 88567 23750
97836 21387 40881 52843 39047 96696 16345 22077 00000 00000

90020 02428 23200 82580 91282 89830 62840 79752 01190 05597
02804 35148 05587 12229 96993 00200 46181 15993 40378 42985
04544 05675 56557 54810 78787 54727 02219 41272 82609 35226
30691 08723 21386 17086 81748 82089 24996 50959 89886 14973
42087 58274 28233 77973 25439 76830 30299 36174 63136 35406
56739 51722 35226 55798 99333 72445 00556 05750 39347 92444
43467 51188 02486 95590 35048 81218 77611 17873 88618 04310
91421 89530 14144 39110 56269 42911 01260 48324 33316 96980
85599 89102 78206 54442 78111 78363 61442 72380 62045 96497
80662 92383 87311 77893 07000 41074 16884 61707 32699 36989
04941 01335 12208 23103 00000 +++++

11076/9164/7316 kHz, 15-08, 1015/1025/1035 UTC

15868 53600 96777 04215 18998 05154 43329 27264 17643 75036
74390 82512 52075 30616 31755 78699 39883 04326 75134 77051
75564 85437 09740 72950 57578 49030 99906 07761 66264 39357
54675 40533 41085 49799 96295 34249 30619 66583 47572 36311
13745 68457 99000 57954 15458 99511 41617 82269 65750 57334
76519 55536 74992 63682 36975 41534 24263 09860 84073 43534
94051 93993 61843 23651 79780 92389 22788 74546 75811 32160
59758 21106 68756 57300 05123 25075 00000

73370 12351 15410 15279 81357 89790 68950 08738 47644 67251
41772 77274 96759 66382 12109 37042 09352 64802 15006 73004
33943 98658 73854 90369 12856 35986 85929 36043 58231 00552
60377 82289 39084 50879 32073 89787 65329 44132 99798 92268
79716 39551 62175 69922 93619 21128 49785 03762 27606 44208
76923 28130 42726 35701 61418 23544 73468 02597 85948 17051
98309 28469 99311 82299 08802 62650 81063 56495 63129 31780
17977 16453 35076 28388 65756 80901 94344 56234 94441 31261
79155 37060 40937 68051 47070 08460 17117 45144 14980 67551
46923 49027 24180 40134 30913 15275 91495 80025 61684 99423
32364 28258 38609 44413 66837 26105 00000 +++++ +++++

11076/9164/7316 kHz, 16--08, 1015/1025/1035 UTC

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19/22-08 August: no transmissions

11076/9164/7316 kHz, 23-08, 1015/1025/1035 UTC

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11076/9164/7316 kHz, 26-08, 1015/1025/1035 UTC

99026 14178 73792 36010 17076 43497 62147 18507 92841 37078
95514 71169 77748 31999 34073 43784 40242 43026 89318 57194
76307 83941 74479 74092 57189 74913 85094 20691 31513 21834
39469 07718 23983 78569 33664 24156 97849 28057 90740 02182
73342 43187 08922 76726 19235 13412 38365 88106 59750 48005
41243 01165 63984 91931 14806 39335 10032 15238 82125 57107
41016 61930 80194 99293 55192 69251 00088 20554 97321 93311
58850 63613 43506 02001 07822 19609 96665 21123 07062 18997
34848 44700 20589 26475 79556 45357 12100 38334 76284 45759
45867 05696 04450 37010 22500 32068 58904 54963 04253 18647
70214 50384 09580 55816 55906 13896 81605 84276 27479 94253
93878 74234 41939 52628 12449 96102 25405 93621 00868 81135
93679 92638 94619 95449 54272 46866 52847 75854 71677 56003
35161 00944 16567 36956 18843 95868 83432 80815 27479 94253
93878 38049 00700 05664 27739 42871 59733 62086 49223 12688
48434 41849 20263 83598 54492 94421 18255 67854 40511 14528
00386 44235 39626 39013 81726 17274 95369 64911 19286 06261
50458 12125 19202 49974 14193 79189 09276 38073 63161 65525
44015 05084 54931 58645 34389 47922 59410 09729 19480 52890
37580 46023 22213 43084 22275 93488 56356 82145 80699 08146
76978 95298 63373 39539 91553 93617 69187 74780 73892 12442
81265 36586 48099 99897 53306 33759 34729 16457 51108 87551
76345 31456 78953 82341 84657 27539 45546 14065 76428 48941
49185 34837 90335 54558 86866 17205 01985 61740 16992 86466
79242 91744 30392 94491 45106 52783 09320 33485 40264 21613
79134 13130 02558 09593 82343 49544 05529 24148 29691 39498
23231 61593 07994 18313 13497 92229 49391 24897 36859 23667
91724 22343 53292 53313 84697 47533 63979 45953 21542 88183
90288 97362 00851 10769 07140 69905 48275 87756 72950 11026
52774 97609 23363 90599 97100 95964 20913 18066 87216 81449
77856 25283 10315 04563 94319 26043 76152 93059 78973 88183
21358 92276 44411 79240 81429 43835 94423 71562 60086 51165
45357 17847 50672 05281 48735 33016 89299 69243 07346 43384
44420 44761 01964 89038 72508 69346 70916 90389 94538 17486
09656 14817 72963 04246 82548 04343 93857 14757 64056 50292
83926 08020 51495 25849 17072 68456 16573 12465 90190 03666
87871 81061 72896 11793 81485 13943 60860 66974 21987 78372
87453 96288 20907 87751 73369 46639 04935 11331 18932 65027
10995 18390 68757 40631 90426 67831 03478 82144 89411 79128
38191 28808 97877 45540 32347 18566 84035 75570 40740 61788
56746 73572 60303 94004 22921 95454 52397 06066 32113 40426
45264 75200 25512 64707 46355 45375 31522 27417 00000 +++++

11076/9164/7316 kHz, 27-08, 1015/1025/1035 UTC

55867 85819 15453 42789 99350 26812 38585 50757 08057 51276
48668 55510 81150 51590 65384 19401 25110 08657 10796 15510
94174 12890 08044 89890 45346 57959 43819 42667 87622 05730
86786 88919 30163 45820 79157 85285 59063 98234 43592 33228
97432 32502 72623 94896 28460 01745 92786 82527 86153 15141
20640 07315 43445 97189 52876 98687 52346 07238 57694 29944
15840 17699 59635 11161 96200 74395 35054 35331 89428 87474
60437 28071 00000

13301 39353 36067 41169 45746 46047 69884 02129 60598 23989
45093 41118 47514 04644 09911 28688 81589 50194 83720 79118
96014 10540 10829 62934 63409 23759 31499 05850 09297 77208
56219 03829 06139 71456 54118 08938 21378 54239 91487 65695
17920 16621 81334 02597 30493 68546 29913 08495 66327 35984
91154 48538 03585 46829 64959 99345 85981 97767 00262 08109
37042 19286 88826 05302 42416 81011 60697 25696 73699 04573
17254 17369 52199 76165 62791 43374 76073 76015 20580 05788
59293 66920 44338 46801 55855 09068 61041 06549 67681 93298

06030 42369 59657 10027 36330 39170 30227 95985 33137 65603
11000 25991 29400 55720 93793 41919 23435 20809 08557 29109
00000 +++++

11076/9164/7316 kHz, 28-08, 1015/1025/1035 UTC

36988 68815 44090 37807 01327 59729 11467 72207 28396 07822
02671 17014 71645 96624 91792 99775 29347 95115 86777 50538
78260 94769 58454 65699 86678 43587 54416 18949 60477 88030
52458 33404 09513 58808 33254 91322 65989 61449 76950 08265
72968 57589 13389 16706 84207 47929 80613 54598 03123 92779
71377 77973 77038 28156 72319 68907 43225 84325 25505 75323
96790 54785 67022 09367 01150 56573 22304 94474 79712 37871
62912 81573 78117 81825 54355 57187 48477 96538 49810 80532
78647 30144 09258 23064 58695 71924 48819 88901 01772 25405
49956 79568 61562 64348 83218 31484 13500 07606 26235 24652
91948 73746 80618 85970 00522 01415 17500 35616 37733 46348
06352 49929 05175 90983 80602 39233 90390 27611 28127 64050
41655 00992 86105 38111 76825 21394 11925 91637 93472 83962
92820 93308 72459 55391 49149 54352 92169 13807 77567 63209
95566 52813 15020 24201 77274 85637 03206 98632 82860 10311
58228 71781 37518 21817 75105 94200 46329 82158 21830 70773
33293 84264 02671 95960 11321 70686 95396 58680 00364 93013
92114 65248 35881 22954 98411 53825 34828 51009 70480 98806
11336 33685 94922 28587 59322 75172 40916 05150 44133 54444
39435 38896 85704 83396 69200 37184 18922 09071 54064 09978
67718 89606 01509 81076 42892 15351 36933 78340 63022 50562
13446 01365 71362 12955 01820 90021 72336 24913 90314 42332
14610 97613 49054 55078 87937 84040 23863 68562 21926 26154
86767 58329 32162 30724 28932 64098 71130 40148 68806 26348
92368 74323 69738 31979 78795 64906 50343 50702 37144 11456
12886 91185 72444 22591 92813 67451 13771 13491 90020 73970
83455 20684 86545 92883 26934 20063 80377 81782 45436 59053
90062 15510 98682 38882 09803 80382 69805 07885 19729 44307
09643 51782 81031 51209 02634 91865 70652 13210 21474 27032
35206 99001 62727 80608 68830 41850 80586 37886 44651 15661
60962 85333 54547 52553 03096 87389 36900 00372 00874 61801
97025 43579 41039 39433 49963 35965 60489 19486 40322 18611
29833 56060 18857 21540 55416 37010 80478 72502 16984 41017
93372 61326 83176 83822 73918 33267 72050 89561 87100 09806
48795 48127 77093 60321 77856 44515 57706 37077 16321 06617
30228 98974 02947 58570 18453 66475 73472 87144 95259 91175
55303 62841 80971 28433 47857 70912 17646 42502 17302 41673
29289 90606 10677 89898 62606 45400 61926 13694 25098 04235
31999 63781 75223 58683 50227 19120 44284 22762 49159 29826
14750 43268 10035 13308 44693 40702 61096 14562 13013 54171
95917 66565 65162 30403 00000 +++++ +++++ +++++

11076/9164/7316 kHz, 29-08, 1015/1025/1035 UTC

69007 20170 70964 41774 14596 70549 24427 63673 30923 55790
15805 82280 11727 94643 64222 95035 28362 39664 86339 29654
16445 29160 49841 80297 00478 29079 76629 92290 61154 88276
12908 81298 75027 55598 08355 97926 81222 32220 71554 73655
54897 57675 93899 09072 92122 53013 59127 90315 35875 69522
80690 44687 97836 16461 34151 71358 55673 66224 76778 08113
30501 60397 71538 20058 74203 65112 57674 21252 21309 49176
35049 65177 85098 83374 54442 64996 02652 84413 31004 29533
58487 51926 23026 25910 41524 71979 43245 04793 15016 85527
94841 49155 04170 45239 49345 32533 31125 09149 08611 97674
51980 31101 00000

62142 97536 21600 15697 71607 85925 94569 64082 73326 03930
83858 68106 87485 75683 01230 17020 87563 79692 69756 53907
02527 03543 16107 30828 61306 10027 19949 49609 65496 44394

68922 30469 01213 37391 92623 75652 26048 83801 74018 20284
92067 01149 61747 87610 90771 98276 31734 90825 30970 08467
71558 48661 85503 66804 86014 06944 67756 36:66 47303 83287
23880 13616 38284 32063 00000 +++++ +++++

11076/9164/7316 kHz, 30-08, 1015/1025/1035 UTC
00000 +++++

F02 – Russian domestic net

Mode: MFSK-4/150Bd/4000Hz

20188 kHz, 21-08, 1052 UTC. Test
18184 kHz, 21-08, 1053 UTC. Test
18184 kHz, 21-08, 1100 UTC. Test
21710 kHz, 23-08, 0817 UTC. Test
20053 kHz, 29-08, 0720 UTC

F03

10210 kHz, 01-08, 0735 UTC	Test tone at 0725z. No transmission
12385 kHz, 01-08, 1800 UTC	Test tone at 1750z. No transmission
6281 kHz, 02-08, 0800 UTC	Test tone at 0751z. No transmission

F06

Link 00000

13371/10937 kHz, 19-08, 1100/1110 UTC
11100 00000 18943 16045 00029 67942 00000

9362/7984 kHz, 19-08/20-08, 0800/0810 UTC
11100 00000 17845 15050 01419
43037 43994 57980 13889 48161 42295 97558 75487 91368 17912
91012 07017 07331 74348 81622 28669 90924 30598 62376 70493
92956 18499 56503 43825 21059 05971 27404 59689 75448 94566
60164 05113 74241 64780 81837 13283 47999 67542 12682 88493
08207 85350 65543 71813 19361 11459 35576 58411 29355 20575
47471 02486 37865 29501 52402 70721 07397 71151 91862 30227
46701 30382 70582 81873 21251 15082 05717 74989 70434 60952
44492 64336 36197 93411 67497 95305 32781 95072 19801 28281
12272 52219 37097 38093 05634 78727 59050 49510 43917 40863
47043 94708 89334 31396 48496 03639 30879 66469 74965 63254
24195 03_____91095
51326 60922 40395 66633 24260 79841 96396 04350 54805 09476
64545 22223 16030 06051 55434 95545 71093 93832 07754 79575
80246 68884 50820 40880 51295 20104 53512 20801 50695 50139
00000

This week I could use the Saratov KiwiSDR, which is the only one that gives actually strong signals. I could even find the third slot! The transmission had a weird extra "60400" group at the end, but only on August 26th (both 0800z and 0810z TXs) - this is not a decode error. August 27th had the proper ending.

9362/7984 kHz, 26-08, 0800/0810 UTC

9362/7984/6802 kHz, 27-08/20-08, 0800/0810/0820 UTC. Note the weird extra "60400" group at the end

11100 00000 65831 23051 02379
00170 43846 06636 21347 17406 28597 55954 59341 82259 16637
61778 50471 17392 36867 21615 22287 35621 03746 34589 79566
81615 19506 81271 47207 65096 33888 91102 51105 83968 53584
58357 41704 60841 18573 92573 89915 41363 87538 14399 10087
27809 99562 32782 89704 46356 04263 64444 30527 71496 77588
81587 30830 56009 65439 98743 63451 39938 22307 34738 29324
37011 37126 10677 91190 21943 63513 69916 17169 67043 96594
30935 88882 01592 63600 09054 53818 92395 20415 67949 26616
68977 71273 86879 68970 41835 53789 54574 02830 87195 56505
25725 36592 96722 61141 01009 08964 15590 26752 16582 80194
17382 57950 53986 25354 89241 24413 06404 09352 25713 23837
62196 48383 54711 05540 91663 87480 44062 96898 47968 48878
62035 99799 18155 30855 90337 49300 85200 61759 12964 51685
87049 38891 29379 44102 83540 06940 65452 42973 67201 55659
80573 73353 78811 41469 94409 96441 13700 62666 81720 77421
29696 42939 08683 60822 92677 02874 09152 45584 20663 24126
24304 77020 12362 35972 54097 97861 71148 78891 93982 25569
60379 24906 55305 48103 50987 59331 92843 55341 47314 53647
87903 48323 02088 84172 60425 93514 56509 76217 08523 14288
66366 78424 98915 36779 00124 96960 56660 32350 19924 44273
27650 23798 81433 82069 12298 47536 13477 63234 93849 88917
63391 02355 09768 32882 19039 29547 39614 97133 43426 07273
07875 40017 82846 14828 25166 60295 34503 30197 16256 31003
84540 63961 08340 34572 52422
51235 60400 00000 (August 26th)
51235 00000 (August 27th)

It seems like Orenburg had irregular F06 and F06a activity again instead of its scheduled F06 70202 transmissions. Monday August 19th to Wednesday August 22nd saw transmissions repeating on the same slots, with slight variations in frequencies. (PY)

16326/14980/13375 kHz, 19-08, 1220/1235/1250 UTC	File 44488 (500 bytes) empty text header
10460/13947/9044 kHz, 19-08, 0540/0550/0600 UTC	Short message
13987 kHz, 19-08, 0700 UTC	File 44488 (500 bytes) empty text header
10204/12075/14371 kHz, 19-08, 0820/0830/0840 UTC	Message (probably #89)
11643/10184/7995 kHz, 19-08, 1340/1350/1400 UTC	Message (probably #89)
13395/10995/9109 kHz, 19-08, 0940/0950/1010 UTC	Message (probably files 44490 and 44491)
11595/10166/7795 kHz, 19-08, 1500/1515/1530 UTC	Files 44490 (2400 bytes) empty text header and file named 44491 (100 bytes) empty text header
10460/13947/9044 kHz, 20-08, 0540/0550/0600 UTC	Short message
13371/10937/12075 kHz, 20-08, 1100/1110/1120 UTC	11100 00000 95843 19057 00039 52378 15834 00000
13987 kHz, 20-08, 0700 UTC	File 44492 (700 bytes) empty text header
16326/14980/12075 kHz, 20-08, 1220/1235/1250 UTC	File 44492 (700 bytes) empty text header
10204/12075/14371 kHz, 20-08, 0820/0830/0840 UTC	
11643/10184/7995 kHz, 20-08, 1340/1350/1400 UTC	
11100 00000 23785 19093 09029	
96733 16659 92302 65854 11580 61504 99971 73254 53131 88413	
12200 32495 88160 99387 54700 25629 69384 45290 93191 13253	
34823 66392 54874 35651 82254 08402 27356 01141 79711 18679	
58443 78818 97942 52306 05264 37882 75785 42712 06129 00728	

54393 16536 73597 02000 41240 57410 32164 70786 89851 48367
49014 78149 06194 47539 31285 17171 17665 76846 88265 07708
65614 28366 81975 43041 07341 18061 14564 20607 38498 41557
25958 23999 71849 11665 00203 48422 33302 82321 03935 86798
61177 88650 05417 18703 19622 57815 47581 69311 62134 70372
73507 30567 06119 76787 27788 61731 04409 98823 82202 11528
24708 70477 59153 29041 72870 98152 51280 55587 20977 44764
60723 14719 26123 67445 06432 42568 50874 63567 72989 25703
21315 04740 99378 38699 83635 63490 31122 98597 45189 62305
84241 78453 10963 99723 94471 47142 51389 33166 50159 27635
62453 23192 32304 90911 04014 68871 10151 27710 27284 88950
65797 65287 27421 28519 46237 21399 82136 95835 66282 12662
62286 59032 10806 59507 25376 57362 09733 54900 27902 06683
84228 89014 17486 03873 87510 47054 90733 59858 88730 22409
27745 15937 73357 12322 39230 23095 58505 88273 87155 88996
46635 58255 64867 22342 66081 63123 47623 29268 71819 74227
49466 41492 04941 84489 47391 80886 34242 10137 58734 90151
28389 45255 82713 84308 32083 36373 42080 02664 44666 69243
85790 65959 24610 85025 38664 68383 68317 68050 08943 59129
36677 72347 89702 93198 27812 79135 15046 56123 19459 02460
57024 92306 29407 85152 74208 91661 67449 52321 47873 14236
77266 14539 66700 57522 91699 37931 45966 96119 49828 23348
92133 48449 49312 61797 48794 50217 32419 58341 84892 39290
29184 41640 11178 81692 06128 01318 35812 93401 93995 20360
95074 37633 92915 94704 20109 02297 78455 57242 25631 87324
56985 48389 31560 56541 43794 00426 53487 33776 62402 27807
22933 47902 88501 40604 23332 56489 86957 23280 52667 02751
15322 45993 48711 85488 92283 00598 37799 46705 54497 78543
93074 06587 50228 32857 13146 00531 43257 91394 57088 97914
25465 13546 96734 07291 61561 07591 72185 97691 14364 50880
61481 90741 24093 80041 00372 03250 40106 43389 13119 44983
28502 32730 40278 01306 04056 36752 74380 55358 59893 83177
39470 29487 93371 61883 75425 50596 51572 46153 13000 69105
44877 54271 50523 86218 02035 18632 68207 69175 65178 54558
40978 59180 48213 46010 35783 01694 07029 90381 04313 53774
94962 69562 07065 48159 01949 39458 29696 18774 00809 55156
77596 17349 49091 73920 59624 75839 19936 03210 96933 94337
60359 85900 17848 59156 00434 39905 24695 20775 61773 94369
43556 86342 38783 89647 92867 06409 51089 33221 31800 60591
90604 28777 74364 71853 11663 20607 80178 04075 37647 20530
57827 22621 82570 09524 41765 22585 11030 31249 28681 54389
84975 19652 84285 01440 70737 27844 56437 89525 04743 50434
55553 32628 41359 56505 88251 44863 31308 75420 55143 73206
04082 02660 48728 30722 52796 17847 12324 34952 44932 32187
45971 81183 07385 07475 70239 05256 59271 13877 83893 15613
90926 18675 76334 99275 12532 23143 80768 31433 20810 89766
79036 43331 57216 26980 94036 28150 56082 23602 30687 89555
06132 50178 51358 62622 73814 69398 96717 61791 61891 22783
87919 35587 01717 85829 71083 32739 02647 08805 89989 09434
07010 85361 97939 32356 24089 16183 44717 57226 41538 59832
99573 87507 37683 87992 96196 42979 43137 87295 10583 92860
25167 74909 07763 33175 93255 20100 18305 13035 49289 88918
30550 39544 30815 54232 09498 16001 20801 38274 78298 93086
22334 79895 23271 37730 21703 43715 08405 49342 88291 13351
10261 78089 84731 35920 09229 24918 85743 10000 98064 27993
29106 34224 93649 65259 47193 58722 62917 27799 52516 06573
98867 43676 75705 57462 07625 56959 79369 10741 92461 91610
96275 70062 45739 54917 65279 16789 84689 60168 63446 64353
91989 73255 57807 10772 47049 12886 25174 31484 58967 59095
13461 79707 37078 49754 42947 86512 60045 69744 70925 77778
29410 62498 68152 50241 18567 18596 80567 73800 53078 21093
74692 12299 83272 52277 90168 79929 35073 91540 47852 75483
49978 59047 86922 61622 50144 84893 29419 81341 89504 08445

95674 28849 76855 37529 19046 17008 81859 22189 33416 08556
59890 22669 31871 03289 56666 76325 20023 98371 78606 93155
12384 64001 39845 34625 45253 01572 21842 55478 04543 76556
06537 13235 91983 43286 68964 75040 78144 03798 40290 76572
15707 67966 77183 12686 11435 07084 98486 64478 80269 18090
75099 92475 29986 40627 84023 50612 49866 94123 62510 00705
01802 27077 23239 32100 37282 95735 16468 16182 88695 14360
50097 50436 08386 44256 03579 71748 53900 13762 96612 43630
42867 86385 98561 47055 25939 19265 89533 29603 51237 79159
09053 92582 18742 08135 53272 20839 48061 56156 06658 84916
08012 22754 19081 70281 81458 74960 64259 13272 63843 33710
40484 48484 18841 45873 99567 97263 39588 84132 14957 52005
88905 41871 24933 35933 16973 15274 11858 43062 79875 89818
03390 88019 07469 73351 06604 20422 93996 42930 10970 83483
09905 97629 21104 21557 58275 34481 05255 66282 24337 89756
70436 56040 91471 12764 00177 68391 22166 64351 15780 70192
27342 57306 47080 15077 72502 80837 23592 42984 94132 76326
22020 61424 24787 56532 31040 13179 50318 85447 19319 60104
47655 60979 17680 37739 76599 67656 51374 60402 24055 91536
83386 81466 24139 14515 54709 38490 02613 30211 32533 37906
19059 48623 02279 58947 05256 81745 64419 81492 23180 27326
22024 67536 91073 92955 69955 50948 51015 27678 21678 15228
76435 53312 34587 63932 43009 12654 19821 13471 11362 76780
93900 00000

13395/10995/9109 kHz, 20-08, 0940/0955/1010 UTC
11595/10166/7795 kHz, 20-08, 1500/1515/1530 UTC

Files 44494 (2300 bytes) empty text header
and 44495 (200 bytes) empty text header

10460/13947/9044 kHz, 21-08, 0540/0550/0600 UTC
13371/10937/12075 kHz, 21-08, 1100/1110/1120 UTC

11100 00000 51347 20061 00049 91578 30547 61835 00000
11100 00000 51347 20061 00049 91578 30547 61835 00000

13987 kHz, 21-08, 0700 UTC
16326/14980/12075 kHz, 21-08, 1220/1235/1250 UTC

File 44497 (1000 bytes) empty text header
File 44497 (1000 bytes) empty text header

10204/12075/14371 kHz, 21-08, 0820/0830/0840 UTC
11643/10184/7995 kHz, 21-08, 1340/1350/1400 UTC

11100 00000 39845 20098 08029
81176 94524 97886 90114 14899 14788 07753 33659 61007 73867
78948 34160 13770 27166 83779 04594 70278 96149 84628 07140
67769 73711 54527 24802 85495 52289 11501 01883 90842 73176
58871 14239 34363 20463 48699 55265 23430 08038 10568 48531
29188 33103 12877 23019 06493 94618 48846 11902 31527 00139
64419 60783 86781 09453 70239 5635_ _____
_____ 111 57856 57798 55817 98521 05398 83020
94802 _____ 92 30746
16176 49748 15377 85592 38281 90935 31159 96467 66038 64518
12406 66125 15351 35626 87857 28780 84798 09742 22791 75144
24608 96267 30609 79138 13913 13603 91948 62181 26007 34152
73497 56035 86274 92719 63709 50110 52481 06720 67595 34182
72114 81636 27788 72458 96467 00180 64058 69933 56144 18566
48487 16958 27679 18372 58456 22974 45959 87381 74664 75349
42130 27886 16358 84242 11684 15857 30938 99440 42407 59431
80171 10114 56874 30163 90151 63406 49193 65451 57229 62827
20661 65607 27083 32348 44043 33988 89120 57170 11151 33626
53404 37092 43405 58807 02280 13402 70077 45026 33897 55252
03895 65757 39822 16438 68694 89479 83908 98527 58817 95392
74632 81276 34927 71263 48066 06263 85943 41836 03694 24682
1 _____ 0 46940 45158
84731 15773 15596 56447 87795 96891 13764 28032 38783 63942
43444 18021 43843 00660 63336 94993 96240 00214 48435 54695
53581 20029 07916 28232 72537 24216 41012 80207 93297 74528
35572 20243 90899 55797 38971 76312 35650 46777 56084 03327
29812 72332 53987 25412 12750 97917 78092 35322 51721 52275

09388 99410 60497 89292 17491 41607 13004 24964 89174 04841
 44170 10378 37082 13336 55173 26680 18297 84228 65260 12956
 17470 61933 77342 62945 74177 73706 49553 51554 59212 29834
 89933 77082 29483 16886 16472 30118 16218 57478 49640 25019
 26151 34972 29658 54942 60394 06554 75635 56338 80659 53131
 28810 93852 77546 39484 47039 01589 20553 83107 42766 41634
 94525 55176 81619 65835 52214 62090 83845 91709 37629 81008
 95763 28468 59889 47834 23429 14070 22244 21075 45683 49251
 35960 70020 48796 39457 73752 60675 49873 80631 42467 37879
 01216 49787 79674 27061 92830 86294 03887 04055 95272 74837
 73069 06425 10006 65964 31147 84723 19465 95170 47181 17141
 54023 86462 76909 35958 18031 51317 01341 39263 42133 19010
 22087 86350 54038 59204 18114 00261 84930 82783 93619 25873
 53720 31834 71696 17014 96308 94721 13497 50999 32062 07217
 67564 94056 84677 25576 79033 66069 99635 82547 13375 78067
 25418 62216 74388 40911 50685 54637 21111 68609 14597 76189
 13344 24700 32466 66592 40481 85128 03928 98517 13324 16082
 95825 60742 23569 90189 16980 00761 00670 89541 27045 37823
 20732 68970 46638 82_____
 _____ 63960 37804 11754 75101 34569 44206 72181 27431 87691
 69823 13457 65676 67844 63180 82966 25575 22745 82967 49623
 04007 73380 92098 92917 98019 77914 21015 38172 74818 50381
 04908 61413 89903 20107 24555 12315 95530 42783 05466 28649
 06699 99144 55005 40669 16844 42182 42196 88881 80423 78822
 49889 03626 04582 97021 53978 19916 17097 74208 09359 25965
 02769 28011 47304 68850 25459 95203 13967 65728 77969 49816
 04670 94070 26924 96341 73691 59329 44876 98979 24227 63487
 46794 32848 08210 22925 73142 68108 90684 09035 86720 22940
 58421 10034 75470 46297 77451 37404 78416 16387 29219 25398
 76946 65812 80035 97045 18612 69309 63516 95106 65626 55020
 80697 01402 85271 25238 47518 92957 24373 97565 44344 08407
 35052 02416 47244 23079 43938 97803 45678 56223 82013 87354
 76306 58793 17304 52478 27598 55238 57580 34637 94926 37736
 15267 28651 90842 36303 51752 72_____
 _____ 03 88368 44035 47444 94195 23083 01201 75375 64959 35476
 71180 41014 50278 39781 41711 40934 97443 69597 41504 97283
 85147 33108 60090 75752 07047 99648 24397 87224 73784 78558
 36755 96560 50651 76252 04024 86944 73087 42457 12504 53244
 07193 41542 28352 22800 47455 09885 2_____
 _____ 5 95492 85303 13596 06834 34869 24043
 38752 00751 99325 91686 58734 84392 10703 86950 89757 _____
 _____ 05 61994 52873 45660
 07856 66489 04799 81348 10636 22300 94478 88261 64623 23621
 29389 61274 06663 42053 79420 84294 03542 22738 01316 71179
 50299 44656 83897 10648 88554 81021 93791 13641 37046 20709
 26326 86552 51557 36656 91287 78790 56431 12180 88237 78072
 14855 61131 51059 51933 30093 02844 66431 58844 94875 77799
 95920 77411 31114 14957 56367 27071 87131 86677 38267 78726
 84611 12187 66819 78766 32428 95505 35349 34900 49570 08795
 65770 37243 64325 57048 75794 13098 81929 85064 57562 38859
 37851 12650 97383 57491 78918 08978 91292 75006 39459 42041
 36071 34380 04645 64150 00467 90354 78239 19392 06260 33552
 96923 84008 73891 37343 58385 75616 12325 25908 55373 92217
 98800 00000

13395/10995/12075 kHz, 21-08, 0840/0955/1010 UTC
11595/10166/9109 kHz, 21-08, 1500/1515/1530 UTC

Files 44499 (2200 bytes) empty text header
 and 44401 (300 bytes) empty text header

Thursday's transmissions didn't follow the same structure, but used similar frequency cycles. (PY)

13947/12075/10460 kHz, 22-08, 0540/0555/0610 UTC

File 44403 (1000 bytes) empty text header

14371/13371/12075 kHz, 22-08, 0830/0845/0900 UTC	Files 44404 (1100 bytes) empty text header and 44405 (400 bytes) empty text header
13395/12075/10995 kHz, 22-08, 0930/0945/1000 UTC	File 44406 (2500 bytes) empty text header
13395/12075/10995 kHz, 22-08, 1030/1040/1050 UTC	11100 00000 25946 21028 00039 12598 73651 00000
Meanwhile there were also morning cycles that seemed to operate in a separate continuity: the message serial numbers didn't follow the same order as the others, and files also named 44403 and 44405 appeared but had different sizes and contents. (PY)	
19212/18593 kHz, 20-08, 0645/0700 UTC	Undecodable despite good signal strengths
18593 kHz, 20-08, 0750 UTC	File 44403 (500 bytes) empty text header
20367 kHz, 20-08, 0805 UTC	File 44403 (500 bytes) empty text header (from Orenburg according to TDoA)
17467 kHz, 20-08, 0820 UTC	File 44403 (500 bytes) empty text header (cut off mid tx)
18593 kHz, 21-08, 0630 UTC	11100 00000 54321 21004 00043 16537 16537 16537 00000 (wrong 3 instead of 9 in header)
17467/16233 kHz, 21-08, 0645/0700 UTC	11100 00000 54321 21004 00049 16537 16537 16537 00000
18593/17467/16233 kHz, 22-08, 0710/0720/0730 UTC	11100 00000 54321 21004 00049 16537 16537 16537 00000
18593/17467/16223 kHz, 21-08, 0740/0755/0810 UTC	File 44405 (500 bytes) empty text header
16233/18593/17467 kHz, 22-08, 0745/0800/0815 UTC	File 44405 (500 bytes) empty text header
15763/14513/13531 kHz, 30-08, 1900/1915/1930 UTC	File 40433 (2967 bytes, binary contents)
12131/11092/10208 kHz, 31-08, 1900/1915/1930 UTC	File 40433 (2967 bytes, binary contents)

While tracking the special activity from Orenburg, I spotted a cycle that wasn't part of it, it was something else entirely. This is apparently a new F06a schedule from Moscow which appeared on July 31st. (PY)

12073/14073/16129 kHz, 31-07, 0600/0615/0630 UTC	Message (presumably message #1)
12073/14073/16129 kHz, 01-08, 0600/0615/0630 UTC	Message (presumably message #1)
13469/16223/17419 kHz, 07-08, 0600/0615/0630 UTC	Message (presumably message #2)
13469/16223/17419 kHz, 08-08, 0600/0615/0630 UTC	Message (presumably message #2)
13469/16223/17419 kHz, 14-08, 0600/0615/0630 UTC	Message (presumably message #3)
13469/16223/17419 kHz, 15-08, 0600/0615/0630 UTC	Message (presumably message #3)
13469/16223/17419 kHz, 21-08, 0600/0615/0630 UTC	File 14404 (1296 bytes, binary contents)
13469/16223/17419 kHz, 22-08, 0600/0615/0630 UTC	File 14404 (1296 bytes, binary contents)
13469/16223/17419 kHz, 28-08, 0600/0615/0630 UTC	File 48405 (1194 bytes, binary contents) originating from Moscow according to TDoA
13469/16223/17419 kHz, 29-08, 0600/0615/0630 UTC	File 48405 (1194 bytes, binary contents)

6957 kHz, 29-08, 1440 UTC
9425 kHz, 29-08, 1450 UTC. Interruptions in signal and modulation
11611 kHz, 29-08, 1501 UTC. Late start, interruptions in modulation
11100 00000 15963 29035 02569
71539 17483 58722 76169 12866 34568 13913 88357 91982 06098
76573 53173 05943 86930 44013 47271 63583 24066 40265 11017
42678 61129 32272 98133 81945 17182 17643 83271 62611 13266

51191 63412 59208 45163 02416 14064 64299 25766 61143 86183
16819 45519 33488 54751 88709 24373 95336 54945 09555 53663
95545 66853 33874 51387 26022 34660 80799 79282 00895 31233
00784 95163 11954 04071 49063 38955 52544 63524 70536 75847
27106 99249 25760 45019 88544 35812 12741 87368 70626 63401
64225 50684 07572 04564 25157 95688 58053 02924 39998 51406
75764 44805 04603 93283 93770 49706 62333 42498 14808 90554
49095 09897 24727 29690 16987 33001 71273 81500 91254 79520
75386 37667 40230 15800 67201 15931 62949 63648 63948 18341
24128 93989 31937 09912 91195 30759 99803 53625 53060 63495
15220 62720 25305 92062 62246 56204 71495 51935 81514 28523
95285 93492 60434 69332 83015 13744 85601 94302 01487 63947
74604 72892 80589 81532 29410 64041 35500 19783 78525 95699
08095 73710 00106 49150 32307 25555 43216 34054 53089 58352
89422 65147 53677 11010 21902 76548 70841 73313 94256 34588
02817 44327 16229 35121 39596 02597 98494 96244 70268 61615
23724 82361 47103 08973 36103 20535 11056 52647 66501 95062
08389 22845 35464 31207 53088 02861 01231 04030 14778 87366
44960 33260 36802 91591 10344 50131 14171 59807 39812 47133
86064 46573 74496 46606 22564 69172 10164 49128 10320 54675
26279 47616 66824 30070 30416 18094 37988 28897 85176 23053
58711 12825 09819 88353 81114 31607 73782 39591 00153 69850
24298 08884 31265 54040 35254 00000

[Link 09501 - Pacific F06/F06a schedules](#)

All logs, transcripts and comments come from PY.

17532 kHz, 01-08, 0100 UTC

File V-ZFD21 (1905 bytes) 44400 09501 00000 31021 00003

17532 kHz, 02-08, 0100 UTC

11100 09501 00000 02254 00049 00000 00000 00000 00000

17532 kHz, 06-08, 0100 UTC

11100 09501 00000 05078 01599
94621 40186 11753 79164 43328 20803 22038 75485 93842 40086
62857 55803 47526 23963 34429 49109 63863 17481 75152 88204
85842 05484 33728 14018 80284 07987 14797 47593 16546 67452
84070 59445 32041 70148 43854 90965 58018 68770 14931 07564
04024 98527 85721 88238 24498 03869 14675 81260 15940 18041
96811 80651 18069 62668 30368 03161 17437 59540 44478 70408
76909 71789 73824 25900 39469 16656 91199 41582 79775 17016
33918 93647 01910 83875 85008 12259 06751 47001 95133 34884
77421 75885 56168 17939 56234 58233 62372 86415 11577 28154
20106 26184 18183 61246 92006 48658 99217 78767 86588 82516
03608 28075 29182 72153 17079 31517 75158 87566 30309 20974
51378 75346 12654 00233 36805 05474 64875 02374 18208 93604
49311 34373 81902 03530 20922 26093 27472 59495 07660 25857
14385 23082 13584 09797 77469 14309 43171 97152 72174 81680
70257 88715 35545 50830 00042 70610 73866 06476 97594 50594
12899 87361 81311 19054 71654 98868 04743 78157 00000

11100 09501 00000 05079 01979
47500 71051 09182 35520 39732 18711 04889 25629 70697 88448
92087 74006 73608 03718 50032 61852 54141 66309 29740 29583
16013 78000 30989 05563 23387 46285 99726 36883 73511 41379
81821 01882 78070 96669 94099 09086 76648 69827 98610 12271
30772 06733 91047 96316 71945 75435 39262 13555 02136 62309
32827 75291 70135 47615 29555 28192 72235 02633 09944 70219
50660 75568 75454 85803 88190 58422 51583 04949 22412 51993
81657 15941 28036 71220 22285 86366 40722 58044 76406 72112
20839 93973 24879 19047 80607 29547 42537 87057 23063 72875

09660 51147 66261 04458 54787 59266 51189 10448 89821 51562
56794 51571 23351 70757 70582 09875 63132 18315 88227 80487
43678 36099 40607 00597 39868 18210 71734 32817 52539 82682
15993 45137 76988 57732 48133 54644 90318 62247 04458 27195
18570 85193 98631 50240 69577 93650 80568 20977 42484 24131
11812 17021 49856 36897 55862 41785 13329 37955 06882 61757
18728 98405 05213 77852 41603 25851 13160 98040 79103 67537
49447 03429 49143 49923 05822 24989 42786 84365 94210 73116
40797 93598 97889 87210 30279 38705 25089 97457 82358 51267
88478 16015 76834 00377 58972 99768 84742 49191 67283 51870
44764 80739 51673 54224 94419 79195 00000

17532/16351/14428 kHz, 07-08/08-08, 0100/0115/0130 UTC

File ZFD_22 (1536 bytes, binary contents) Header 44400 09501 00000 07022 00009

17532/16351/14428 kHz, 09-08, 0100/0110/0120 UTC

11100 09501 00000 08001 00043 00000 00000 00000 00000

Again, strange "3" digit instead of "9" in the last header group, which would indicate a message coming from an embassy - except that there is no message. Also the header is dated from August 8th, the previous day, whereas nulls are normally always dated from the transmission day.

17532 kHz, 12-08, 0100 UTC. Idle -500Hz carrier

17532 kHz, 13-08, 0100 UTC

11100 09501 00000 09080 03599
95303 38607 93256 80315 25532 30429 20111 75108 10991 59637
97908 33696 06126 17295 51063 98728 02089 23673 78578 28382
80557 16148 87220 30973 30554 52016 99397 73109 32939 49709
52934 47306 42260 16806 34927 10021 20660 38315 16871 26029
03520 23635 83243 80091 01528 35655 70729 41836 68861 50415
60279 94810 92170 20770 89193 65621 80050 42497 75403 14113
57685 46286 71152 70526 96362 64036 88259 30554 32533 42917
62151 44254 56109 05611 46852 59744 72692 80196 58113 07618
69409 48087 06884 37025 39054 83478 90290 39345 42213 82737
32337 20401 12070 07173 91481 07137 31574 87610 77313 99718
37653 64241 43488 04969 32175 60143 49121 12096 04326 11941
05831 96645 94102 06032 52606 63604 51614 93811 25704 65610
71864 84346 15742 57193 09705 37922 29193 70991 04669 08903
96462 26875 70334 11359 93730 09916 27946 05872 70752 78150
88943 30974 01809 86056 16121 27655 01978 34694 18073 30371
75940 84442 56638 22996 91476 91276 72013 83150 94871 52509
55234 63350 10392 72949 22703 82401 91039 87405 72460 25500
12758 00474 26876 76444 29286 29550 91458 30426 29839 62000
84461 60821 66816 62431 16982 38419 45710 90996 28231 26539
94411 18668 05670 00452 54097 50429 44698 64564 58889 92307
94621 40186 11753 79164 43328 20803 22038 75485 93842 40086
62857 55803 47526 23963 34429 49109 63863 17481 75152 88204
85842 05484 33728 14018 80284 07987 14797 47593 16546 67452
84070 59445 32041 70148 43854 90965 58018 68770 14931 07564
04024 98527 85721 88238 24498 03869 14675 81260 15940 18041
96811 80651 18069 62668 30368 03161 17437 59540 44478 70408
76909 71789 73824 25900 39469 16656 91199 41582 79775 17016
33918 93647 01910 83875 85008 12259 06751 47001 95133 34884
77421 75885 56168 17939 56234 58233 62372 86415 11577 28154
20106 26184 18183 61246 92006 48658 99217 78767 86588 82516
03608 28075 29182 72153 17079 31517 75158 87566 30309 20974
51378 75346 12654 00233 36805 05474 64875 02374 18208 93604
49311 34373 81902 03530 20922 26093 27472 59495 07660 25857
14385 23082 13584 09797 77469 14309 43171 97152 72174 81680
70257 88715 35545 50830 00042 70610 73866 06476 97594 50594
12899 87361 81311 19054 71654 98868 04743 09357 00000

The serial-GC postamble "09357" actually contains the message date (August 9th) instead of the message serial number (#80).

16351 kHz, 14-08, 0115 UTC

File 44423 (1536 bytes, binary contents) 44400 09501 00000 14023 00009

Strangely, from that point, F06a filenames on this schedule stop being based on the "ZFD" string, and instead use the more conventional "444" prefix which means binary contents.

17532/16351/14428 kHz, 15-08, 0100/0110/0120 UTC

11100 09501 00000 14087 03949
24990 28854 28843 56491 79931 81673 30675 90153 49979 36568
08424 95176 55975 68531 65935 10185 63102 38697 60030 50022
74255 79979 22448 84205 66100 96094 48685 49862 97489 22387
95913 10071 44928 21920 57168 93554 44777 15260 03993 76655
46893 67374 14727 93537 09365 80114 30632 85538 89063 63691
07032 25635 07676 85593 51657 78927 97913 20387 67394 85110
59584 48831 41605 73843 80218 79744 49223 48973 99931 93068
61809 02544 25210 27558 79738 44527 21310 61529 29739 59211
37966 60127 94930 24186 48075 87525 69583 52873 04067 07500
55769 46517 41629 20833 44087 66591 85490 12958 45670 63554
36937 10306 67636 22884 47759 68768 49200 14346 10305 42743
00597 55408 18341 08168 12043 24765 78399 38008 24895 86890
76297 53611 82204 13563 28526 00392 00859 13305 73181 21257
32481 04669 80145 26233 05302 94304 85183 81715 64162 45753
77655 67787 50859 49900 96535 77039 91999 33024 14409 53338
86572 63387 14154 93962 10411 42288 87985 63569 79729 90532
13543 93397 40944 66250 86722 64180 78942 74996 15937 96173
60991 58073 07481 94754 58493 70016 96705 25030 13744 81177
04673 13875 43913 66337 24997 02860 99406 65299 70534 00491
18821 26388 34639 07201 47659 68794 46646 11537 13009 24713
26287 80976 71363 47193 66712 95801 71776 94653 00822 99490
01532 28002 30578 64039 06522 81274 23999 93668 03528 91763
09509 15342 26570 00546 22346 29547 74535 59359 82707 19756
52264 04771 10313 44022 22269 85559 05093 57146 09302 54267
48667 36835 24929 58836 06321 12316 04318 95296 34147 18817
72418 07412 21059 26374 81722 44244 20354 16384 88799 11565
50508 04352 61784 78046 69907 32272 36010 22186 55178 79068
59972 30876 37837 62539 98818 85583 78909 31251 87534 97062
86238 69799 51038 74534 04148 65898 33339 40283 30163 12716
02987 25594 38466 44902 26958 08984 14774 31749 30201 82645
32339 75912 83004 58061 23740 91142 83391 46707 28167 57452
26716 76795 18885 77167 79656 31989 40550 80288 00794 23026
11088 52614 74946 28193 67806 85048 53486 63583 62430 67538
17770 69073 34754 76083 07927 20968 19594 26245 84153 07234
66727 91592 12718 26279 78509 10539 93859 95190 94851 29983
73769 78397 80254 59212 07841 72670 92571 32492 67380 09413
38206 03788 06955 60169 43418 22051 34580 56301 96432 60510
51922 58754 40036 98405 56711 38861 19347 78593 24541 56120
14455 89480 12264 43886 12603 44702 50143 38896 99614 58997
14967 87391 00000 00000

Another outstanding transmission. This is actually the F01 message of the previous day, sent on the F06 slots. Note the little glitch with the 394 group count in the added F06 header, as if both "00000 00000" groups at the end before F01's "+++++ +++++" are part of the F06 message. Also note how instead of the normal 7-minute transmissions with 10-minute spacing, they used 12-minute transmissions with 15-spacing, something they usually do only when transmitting as F06a.

17532/16351/14428 kHz, 16-08, 0100/0115/0130 UTC

Null message, wrong 200Hz shift

17532/16351/14428 kHz, 19-08, 0100/0110/0120 UTC. 0100z: Wrong 200Hz shift
17532/16351/14428 kHz, 20-08, 0100/0110/0120 UTC

11100 09501 00000 19081 01579 (August 19th)
11100 09501 00000 19081 01569 (August 20th)
35230 95576 84555 17962 13904 94922 15368 63425 03213 76319
21133 08712 24731 23298 72801 50045 41974 40428 03157 76035
96405 02092 94437 24508 85336 10729 13315 76152 23901 75494
47918 58418 58316 47262 26612 58111 22580 70909 23181 66111
55832 40835 78143 02659 22533 70625 90857 96646 02669 12828
62116 17351 44165 89752 91922 82045 94685 21250 62122 87925
55029 60398 58593 41791 21279 73039 12665 85917 07918 22097
66474 43562 69089 42622 91927 32525 60189 18493 17963 20230
06971 96716 45803 18730 74364 00266 56888 43102 52192 25385
43162 81658 99955 34313 14419 51408 17905 79342 62379 37208
36554 19178 86202 38049 41850 13507 09105 68905 78166 06733
40774 91585 96321 36808 65289 73029 38801 30102 59196 94479
79376 68240 69458 59975 59303 37850 05959 77589 87293 99165
28233 11873 95441 34404 31133 30910 68290 61873 59105 96454
87242 26738 03764 70563 57477 04379 64459 37172 09580 77297
76518 62046 93070 71481 81154 00000 00000

On August 19th this first message had a wrong (+1) group count in the header, which was corrected in the next day repeats.

11100 09501 00000 19082 01899
03797 15479 65929 41695 79607 97225 13795 05089 59005 16798
76846 07515 13123 28092 90649 32243 60533 10078 55598 83953
13189 40256 22945 12631 64641 79540 37957 23107 06502 98253
88642 12429 84039 97919 33479 02251 26895 08550 06580 58436
15819 66101 23747 15047 71388 99802 37834 44918 75631 84026
16866 44005 62498 34398 43346 21684 38120 52838 58200 14197
16789 51212 97780 63431 83597 08282 97371 28215 19679 39644
59647 20324 50977 85350 11495 82380 06496 44883 97666 49833
96951 14186 84675 64210 49779 04433 73388 29823 61421 47224
43748 31123 52837 15889 80057 52884 39177 17598 50271 70404
49549 35958 37730 01921 57828 28783 48769 40412 10425 10732
44645 06987 61981 75494 71221 93041 54902 37214 84837 83373
03674 95839 97809 77437 69907 56089 92003 50941 39046 54713
73904 24950 34659 75748 69626 34708 31280 58446 83311 15350
51718 27563 67333 46688 59773 00705 77762 24287 84300 52407
13520 48973 35569 39640 62658 52004 99825 18432 04214 98067
23038 06285 39058 33295 19721 70088 48193 70482 67806 44201
01926 28715 75481 08400 68354 69561 30938 80380 94617 97045
70970 02490 59327 13573 29359 27393 19630 82187 00000

17532/16351/14428 kHz, 21-08/22-08, 0100/0115/0130 UTC

File 44424 (1126 bytes, binary contents) Header 44400 09501 00000 21024 00009

17532/16351/14428 kHz, 23-08, 0100/0110/0120 UTC

00000 00000 00000 00000 00000 00000 00000 0000 000

2 blocks, 1 msg starting at block #1

Block #1: 0x00000000000000000000000000000000

Strange one, I'm not sure I've ever seen it before. This is neither a normal F06 null format, nor F06a. F06 has the capacity to send raw binary payloads, for example during pre-TX tests it could send 0x34363436343634363436343600000000 which is ASCII for "464646464646" (think "RYRYRYRYRY" RTTY test reversals). So either this is an empty block of binary with nothing but null bytes, or you could make a 5FG decoding of it, which would just give you "00000 00000 00000 00000 00000 00000 00000 000". Essentially this is once again some kind of malformed null, as is common on this schedule.

17532 kHz, 26-08/27-08, 0100 UTC

11100 09501 00000 26083 03439
61156 92022 57878 00064 77009 24298 60757 04290 58929 95950
19817 56222 64937 73629 25997 74003 78004 08492 91602 76760
56727 83341 54748 50540 83759 48534 27637 33485 10437 38843
49633 24935 21025 88464 31055 48136 65039 86361 98629 21262
31069 39125 78536 16410 60537 33534 78003 11283 24847 16028
51356 63231 14335 31240 61489 60344 12489 86816 72687 29280
53849 36687 35717 04526 89043 99975 51160 88761 05383 57750
21893 59039 76468 94789 30667 98431 39235 78554 03729 57877
21876 92557 46410 77869 71077 66312 61624 24711 52021 69053
87215 21000 19563 59410 13092 75041 84048 08233 64080 38871
20196 36741 59441 49590 92478 37200 84982 33672 95451 68296
38707 78958 32456 42415 35933 04012 81141 46995 84826 79517
19238 67155 68279 81435 09028 01776 93072 80560 63937 90226
92263 98208 45697 91926 91732 82699 65513 85924 76825 86328
87670 82679 20036 47514 59018 65245 55655 07807 12776 02035
12336 18453 20085 98346 39500 16190 87761 78858 88538 72976
25670 18259 34722 49329 32167 62211 50784 05961 71049 05843
68095 53409 38438 21935 86373 44341 43054 56008 17868 38219
48293 30492 76950 93017 49568 25166 51061 63677 85340 26048
13930 11993 05271 59944 67028 57601 43950 56809 20179 24782
73623 07149 47258 64736 34364 06609 77944 58051 65116 04974
11427 27023 84066 01740 63035 12526 91759 55459 79707 95126
95405 99044 85250 65127 77824 78209 41320 71207 59450 55251
35059 02384 26838 45347 29340 82943 26118 77556 36531 85067
44823 97724 01750 88805 30535 55461 06514 44104 19789 42391
28747 14579 75658 73861 20066 07710 57479 31296 86294 21141
71136 07379 82133 59798 73356 21255 55930 03479 28435 95948
05482 29626 40852 15159 30817 20966 12198 01657 94875 12691
95852 84433 28050 58887 47864 46824 37505 22881 97444 72755
07214 21208 85540 33344 99669 75871 44905 81004 95180 54600
20112 43266 29706 03775 50947 33484 17169 03718 67615 20634
67169 01040 71207 25375 34051 97715 97851 34570 58257 01597
89993 51451 85901 68026 23254 23614 77499 87260 62272 16037
41805 97380 44007 21304 55676 27375 11911 24220 55913 00086
49414 83341 00000

17532 kHz, 28-08/29-08, 0100 UTC

File 44425 (1536 bytes, binary contents) Header 44444 09501 00000 28024 00009

Curious header: the filename (rightly) indicates message #25, while the text header inside indicates message #24; also, the first "44444" group would indicate a flash message priority, instead of "44400" which is normally used and indicates training.

17532 kHz, 30-08, 0100 UTC

11100 09501 00000 30123 00049 00000 00000 00000 00000

Link 10053

22913/18241/17455 kHz, 04-08, 1530/1540/1550 UTC

11166 10053 14785 04021 00049 00000 00000 00000 00000

22913/18241/17455 kHz, 11-08, 1530/1540/1550 UTC

11166 10053 12354 11001 00049 00000 00000 00000 00000

22913/18241/17455 kHz, 18-08, 1530/1540/1550 UTC

11166 10053 13467 18001 00049 00000 00000 00000 00000

22913/18241/17455 kHz, 25-08, 1530/1540/1550 UTC

11166 10053 14785 25021 00049 00000 00000 00000 00000

20917/17529/15765 kHz, 06-08, 1650/1700/1710 UTC

11166 10053 95312 06001 00049 00000 00000 00000 00000

20917/17529/15765 kHz, 13-08, 1650/1700/1710 UTC

11166 10053 18930 13001 00049 00000 00000 00000 00000

20917/17529/15765 kHz, 20-08, 1650/1700/1710 UTC

11166 10053 15963 20001 00049 00000 00000 00000 00000

20917/17529/15765 kHz, 27-08, 1650/1700/1710 UTC

11166 10053 18930 27001 00049 00000 00000 00000 00000

Link 10075

17429/13957/12139 kHz, 07-08, 1300/1310/1320 UTC

11166 10075 14785 07021 00049 00000 00000 00000 00000

17429/13957/12139 kHz, 14-08, 1300/1310/1320 UTC

11166 10075 14725 14001 00049 00000 00000 00000 00000

21-08: no transmission

28-08: no transmissions

Link 30070

18193/14385/13376 kHz, 07-08, 1400/1410/1420 UTC

11166 30077 14795 07020 00049 00000 00000 00000 00000

18193/14385/13376 kHz, 14-08, 1400/1410/1420 UTC

11166 30077 15963 14001 00049 00000 00000 00000 00000

21-08: no transmissions

28-08: no transmissions

Link 30154

20655/16186/13969 kHz, 06-08, 1230/1240/1250 UTC

11166 30154 13467 06001 00049 00000 00000 00000 00000

20655/16186/13969 kHz, 13-08, 1230/1240/1250 UTC

11166 30154 85412 13001 00049 00000 00000 00000 00000

20-08: : no transmissions

27-08: no transmissions

Link 40023

20355/15665/14378 kHz, 14-08, 0915/0930/0945 UTC

11166 40023 12348 14001 00049 00000 00000 00000 00000

20355/15665/14378 kHz, 28-08, 0915/0930/0945 UTC

11166 40023 12589 28001 00049 00000 00000 00000 00000

Link 60070

12208/10166/9237 kHz, 06-08, 0030/0040/0050 UTC

11166 60070 12457 06001 00049 00000 00000 00000 00000

12208/10166/9237 kHz, 13-08, 0030/0040/0050 UTC

11166 60070 13467 13001 00049 00000 00000 00000 00000

12208/10166/9237 kHz, 20-08, 0030/0040/0050 UTC

11166 60070 18930 20001 00049 00000 00000 00000 00000

12208/10166/9237 kHz, 27-08, 0030/0040/0050 UTC
11166 60070 15963 27001 00049 00000 00000 00000 00000

Link 60081

19219/18287/14725 kHz, 07-08, 1300/1310/1320 UTC
11166 60081 36985 07029 00049 00000 00000 00000 00000

19219/18287/14725 kHz, 14-08, 1300/1310/1320 UTC
11166 60081 78945 14001 00049 00000 00000 00000 00000

21-08: no transmissions

28-08: no transmissions

Link 70059

10263/8126/6888 kHz, 05-08, 0400/0410/0420 UTC
11166 70059 14785 05025 00049 00000 00000 00000 00000

10263/8126/6888 kHz, 19-08, 0400/0410/0420 UTC
11166 70059 13467 19001 00049 00000 00000 00000 00000

Link 70202 (Mon + Wed: F06a, Tue + Thu: two F06 messages, Fri: null message)

11076/9053/7386 kHz, 01-08, 0700/0710/0720 UTC
10394/8076/6768 kHz, 01-08, 1200/1210/1220 UTC
11166 70202 46932 31094 02039
36203 77756 12754 49017 87307 41690 43505 03399 88421 23665
87281 51050 66922 99323 91015 45267 57430 57464 52191 15916
96551 92514 74958 18790 13423 76014 21281 60065 95745 05529
49282 56798 35996 54453 55987 19386 87499 71125 66649 66938
85052 00691 37844 11510 09785 28172 66520 72095 02947 66146
22196 04370 58314 35514 44487 57073 47884 12746 73156 91001
60570 42091 02865 21528 58568 36158 79823 70599 81080 13305
82523 39143 50102 45294 53736 35820 57934 13633 75973 23063
41133 98043 07587 66339 70563 45500 21705 97569 12256 93268
15184 28654 38759 44393 79770 76015 95654 19049 52658 82138
52950 30229 88623 44999 96007 57169 20931 91351 35726 14974
03202 54798 42632 43864 49417 44584 34606 66503 14265 16049
72884 86810 80992 78672 46069 28730 48980 02672 46805 38368
38200 10047 70820 97960 52760 61057 93022 25075 70715 72037
00323 55520 52342 25493 85898 33383 84051 58430 34561 56618
00134 39840 53925 51659 49526 73273 31072 75460 99789 85467
19378 68420 95470 86927 85217 06623 13056 15431 69209 26829
79687 98372 41704 22665 47846 94899 57198 35434 43166 03764
37359 87999 27590 47838 37351 35165 45041 71233 75153 29006
41805 09939 28549 22571 78802 21949 29478 60402 77945 87794
10445 94201 00000

11166 70202 19574 31095 01439
85110 91057 94413 39773 36828 35240 27192 82413 40937 96164
62890 62290 77242 12175 64892 29605 38123 27088 36820 00191
66399 48236 56532 44280 92896 03062 02808 38646 90906 80167
04382 30560 89731 65788 66043 87004 14499 11611 51463 27581
44430 94867 27451 64535 06755 56667 99325 98363 48460 29474
92086 42413 53055 89693 57069 74928 94541 96288 08786 41970
45790 01366 21617 59662 83480 43679 41064 89180 56827 60975
89237 82939 12255 82127 69264 25406 91217 84989 98321 16982
43354 30911 23956 74387 22159 11854 03403 45985 55362 71034
50579 65487 07204 83048 80433 92476 74792 04403 05353 13182
85724 30391 63305 99940 89175 19259 82410 52801 57620 69590

11623 71680 41396 61856 72210 32527 43280 00056 09731 65935
05277 14396 51175 61626 24795 10946 96982 47253 42414 79198
02597 14953 68415 93478 29269 94100 40267 69140 68780 93682
28264 95141 00000

11076/9053/7386 kHz, 02-08, 0700/0715/0730 UTC

11166 70202 95287 02065 00049 00000 00000 00000 00000

11076/9053/7386 kHz, 05-08, 0700/0715/0730 UTC

File 44496 (binary contents)

10394/8076/6768 kHz, 05-08, 1200/1215/1230 UTC

File 44496 (binary contents)

11076/9053/7386 kHz, 06-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 06-08, 1200/1210/1220 UTC

11166 70202 _____
_____ 54 27742 85245 68977 73137 68533 78973 25849
95432 53590 91601 22868 35750 60476 98511 49800 82240 01598
95017 24612 06650 20226 95198 81332 72365 74492 70653 57624
41008 14075 52647 99239 63486 79231 46067 23568 66466 76899
28641 09446 70185 13524 33834 05432 98558 89312 40886 73716
67498 83608 20411 11872 62399 86057 08998 19618 40721 53270
11256 02794 20606 95656 52742 31730 41466 24121 32195 96192
07485 11314 46533 24107 49963 47117 87037 56234 69454 93058
30169 93988 43617 65337 71445 62594 11731 01148 75828 56758
71810 88001 43049 61045 51254 60711 11312 62156 36961 95749
47816 95286 75868 57652 99531 91743 81823 77160 02666 20038
09754 65793 74257 37606 83046 96527 34340 95371 85101 05281
32106 62321 50973 92882 74516 62296 20049 32224 80784 40166
35702 10267 11180 99596 02856 59602 43582 79579 39388 59256
96234 61919 82333 09409 20113 97145 00000

11166 70202 03852 05098 02039
02027 23755 17553 74057 27883 47089 86422 89063 04531 80119
09028 31842 79583 23197 73523 50173 01975 46154 29938 73476
90163 73097 32846 19908 36374 47355 84914 07857 32815 06312
29767 14016 30800 20773 67606 45228 68725 78583 92020 16291
29820 17161 71426 50897 15632 34650 23571 47915 46166 34372
56543 80187 22625 82266 74724 18037 13676 82008 73118 94658
51203 97483 68497 55611 46461 77322 40803 59560 62578 61166
83237 22488 04346 72360 84481 22546 11231 26766 91484 07740
64543 12363 26257 73633 44712 19350 55095 03258 99583 25415
33700 86416 09702 65871 76601 60578 61496 43342 24339 40527
64312 56689 06837 28978 72238 53860 26401 25340 96640 38351
08795 74801 20375 83973 95804 24943 49577 37606 77754 82052
64007 14623 89401 84339 51855 16685 17641 34227 39956 26583
94471 56915 55361 59820 73646 77401 79186 77615 14460 33145
78687 91024 21095 64566 28491 10861 10976 50559 56933 23106
10563 81215 78418 94491 02027 84946 97765 37950 69240 52178
97453 92609 16519 22823 43720 98036 58557 29707 72444 67393
04994 15139 40755 89216 88040 62813 55288 12496 06621 12238
13059 94735 85439 47855 15853 17697 72442 80073 44102 00505
23087 60368 01164 64798 44865 97663 63946 31628 00522 68159
00829 98201 00000

11076/9053/7386 kHz, 07-08, 0700/0715/0730 UTC

File 44499 (binary contents)

10394/8076/6768 kHz, 07-08, 1200/1215/1230 UTC

File 44499 (binary contents)

11076/9053/7386 kHz, 08-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 08-08, 1200/1210/1220 UTC

11166 70202 35247 07001 02059
32814 07375 64913 61482 39587 85931 19349 32837 46836 47514
18683 10337 57146 06385 15939 42672 06818 83276 85952 34857
50089 70258 68432 57276 73144 44518 55644 77887 23845 60767
73174 59743 68119 76943 27182 91043 08951 92895 16605 39886

28900 06756 33737 50921 42101 18667 01625 26075 66668 36559
21718 56559 53452 63672 30212 98321 32071 72500 86515 08152
60179 94843 42291 82615 86887 82672 64493 67005 66280 19472
10850 26509 81971 86762 81227 96753 68630 15487 93304 55954
41421 76947 56005 85814 69286 92976 39121 13392 53015 70043
62561 51105 94040 86962 53676 77079 64887 90907 46071 23001
17228 81420 18380 61685 88461 87082 96396 11544 92778 64559
67042 00121 07626 74694 77572 53909 91524 15338 18487 06624
94168 15605 13555 43112 44751 21243 65421 21103 29451 25807
30207 37970 94006 27313 19554 34711 32341 15076 53548 54312
47150 16407 12960 96695 93395 57863 64239 37443 40663 20733
55699 02471 15284 95449 08331 15851 08200 64617 49683 62963
59470 69340 64250 36170 55393 38533 58793 55193 99146 85916
66048 79392 40912 04369 35246 54114 78405 12331 82887 58326
63759 31952 02212 45693 77677 03658 54787 96308 56833 66828
92680 21252 85404 61290 84614 87167 86728 29278 44582 53051
75973 22590 86326 01203 00000

11166 70202 65791 07002 01179
07683 29706 60032 47037 55429 71774 88135 81709 26434 49294
59605 15352 60788 75100 75510 12759 54698 66429 78066 40154
90043 61465 77116 16361 83957 35986 77104 66403 50612 81039
09222 01002 92397 27595 98416 70364 62685 29111 19959 65753
67361 37941 25236 67224 97313 36526 41480 61009 09067 09321
75103 74958 95746 66361 73345 05484 15565 54448 23891 34450
70013 16854 97180 59444 48949 87506 61074 85856 84764 30586
22570 54215 82821 61458 76258 01223 20352 09910 64206 77909
30995 11592 76949 73356 17170 38630 50290 17427 57465 05333
37580 60936 01239 09932 62178 56696 67610 98296 79778 89885
91039 60560 05280 31165 80662 96592 83897 10988 85602 11254
11207 38542 83410 25379 31785 02115 00000

11076/9053/7386 kHz, 09-08, 0700/0710/0720 UTC

11166 70202 17568 09052 00049 00000 00000 00000 00000

11076/9053/7386 kHz, 12-08, 0700/0715/0730 UTC File 44403 (binary contents)

10394/8076/6768 kHz, 12-08, 1200/1215/1230 UTC File 44403 (binary contents)

11076/9053/7386 kHz, 13-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 13-08, 1200/1210/1220 UTC

11166 70202 07518 12004 01539
11149 11968 57953 04376 79258 93900 25226 82212 42905 19903
71331 79425 93543 51715 02301 87861 73873 95193 84208 96849
00343 56579 43263 87411 02939 85196 98029 87112 68198 32258
72215 27749 96377 80468 61461 73047 08725 24129 52575 08577
65782 04405 18638 11058 82663 29459 38439 39246 52244 34144
13649 13589 12191 58920 82200 76842 16784 52714 51284 52828
99464 29372 98418 45525 37029 32432 14024 45676 51437 87874
83932 37109 10144 49551 35283 19949 10907 66973 94230 92904
62009 30159 28904 61843 93821 71213 76067 66799 62654 27330
74895 44649 32835 94916 56330 69598 47935 29516 61427 38706
27110 71208 87156 94604 47461 00203 83070 02618 98376 52283
47301 24461 18780 48804 95294 55712 53231 20934 99753 19234
87803 32811 25201 31751 51695 33325 05606 85746 95489 91190
38524 13892 82020 93014 94168 28169 50771 09034 62868 50899
41741 56225 89336 79850 89732 13455 67201 54606 24978 68374
92212 04151 00000

11166 70202 19735 12005 02259
92192 06926 04281 07976 28359 51370 54620 50547 47049 31310
73385 72807 66062 92551 48669 85517 65636 43491 33458 83651
45914 86182 19740 10725 17317 11966 35377 36885 59766 41325
62167 42970 11694 12681 98530 27696 74768 49787 15267 80192

45291 62435 77813 85043 08178 60145 33447 52049 54484 83528
86863 87867 08404 83019 12576 51753 74674 99655 77560 62552
42325 27595 72601 49161 05725 63059 75761 61632 88834 69394
96416 85104 83636 12925 73299 23760 38648 49304 24979 46981
58480 65033 76221 14911 00361 03849 08672 25587 78573 32656
09281 50849 12746 26708 14930 53205 80913 78702 76682 00835
63317 61497 92100 22937 87853 99123 79069 72585 13128 25789
89561 89296 10036 37555 86773 78489 27826 66381 34090 50035
55566 31218 69297 83064 14962 45831 62481 09240 45453 88066
81065 31669 67541 60216 10410 21657 35275 95189 03412 60464
13829 88169 57553 18289 43121 58453 42823 87624 73404 71144
28955 13221 83764 73404 85428 85796 19468 24941 52645 91715
09095 27418 07748 35813 47392 82481 73502 79542 54794 33092
43678 61652 49529 67831 23377 93564 93272 92901 07737 46649
96265 01473 47454 73579 92844 95093 74557 30957 23323 36829
86873 95397 83155 40835 14627 90255 25320 28037 17595 65184
26868 02615 86280 95715 55569 28972 45515 95044 97587 13886
83944 55210 32137 23519 57836 59856 64042 89972 42628 35769
50147 87097 30683 05223 00000

11076/9053/7386 kHz, 14-08, 0700/0715/0730 UTC File 44406 (binary contents)
10394/8076/6768 kHz, 14-08, 1200/1215/1230 UTC File 44406 (binary contents)

11076/9053/7386 kHz, 15-08, 0700/0710/0720 UTC
10394/8076/6768 kHz, 15-08, 1200/1210/1220 UTC

11166 70202 87293 14007 01559
09316 52913 76473 32104 74343 05605 85389 42576 49022 54947
33642 00411 65501 96047 43510 25777 43454 96386 72976 86486
86455 71469 62735 76813 94867 43006 95812 59319 93665 71782
30709 74332 98642 82438 94022 46812 69427 22327 43478 45251
22768 21633 37312 72312 04489 46963 70926 91908 43593 65567
66783 22378 36919 62402 28448 50467 37811 77208 94733 45805
47224 53796 54882 80550 30708 18726 10715 83901 09716 31570
96693 86155 00652 73947 93833 32010 00128 69509 98397 67789
39834 52075 31310 32280 59483 24097 99240 05874 71262 72644
43278 97692 14213 35098 36136 75393 22005 31734 13845 67333
52518 07396 52836 91791 52680 49428 28391 92917 56994 74076
15364 88121 43200 98526 17131 56560 93493 40771 33697 23442
34761 14507 04910 19803 56242 11231 89692 22470 28087 86734
67265 03884 69211 94174 71267 46472 37924 30923 92729 01264
43730 91365 12831 95422 03777 42847 51381 18401 92354 66951
41960 41393 56907 07153 00000

11166 70202 87109 14008 02239
75798 47602 10699 54211 75132 37576 69187 00202 25057 48294
34397 15097 97588 70278 86153 09141 74493 40068 20709 06345
64567 20369 20219 35616 78043 65840 50434 63002 06568 16718
97569 19741 82176 87455 80254 05789 13716 42572 97526 73534
24141 76896 98793 21372 37130 42390 86715 51822 86454 88743
88919 73894 46538 09928 59508 54379 07647 13889 96295 47742
44145 57577 84692 59333 49253 14494 04196 21571 34749 66948
58409 87810 19052 40202 14545 73575 52111 20707 63325 99834
50563 25600 35237 18021 41568 15663 34071 21477 38785 68926
73681 73009 98904 57101 28911 03251 32192 92035 36609 59504
65467 34373 07683 09765 80969 81608 36129 31607 79532 77727
15970 40619 41514 11610 02035 38077 83922 96398 75533 82550
37168 47004 00351 15109 89877 97944 80993 92838 75219 28711
58147 10349 97165 88829 02758 13947 20136 39823 94589 38179
70455 56260 96198 19425 23065 53061 58243 66229 71929 31274
17088 91055 07569 59486 70628 33159 50156 33073 43272 27254
11624 78463 76025 97676 85203 94611 02606 82716 85855 48868
97531 18815 90004 69429 07126 39317 48035 01553 99359 67453
67978 19740 93487 08258 93822 13052 55400 69091 26898 85766

69641 63467 63756 40547 24021 77871 49002 36326 67761 06247
66493 38076 29121 81854 17367 00669 03426 61172 58308 53996
47442 39542 98522 81558 41048 03239 78828 09690 02116 47649
81319 08221 00000

11076/9053/7386 kHz, 16-08, 0700/0710/0720 UTC

11166 70202 17894 16056 00049 00000 00000 00000 00000

19/22 August: no transmissions

11076/9053/7386 kHz, 23-08, 0700/0710/0720 UTC

11166 70202 71284 23055 00049 00000 00000 00000 00000

11076/9053/7386 kHz, 26-08, 0700/0715/0730 UTC

File 44409 (binary contents)

10394/8076/6768 kHz, 26-08, 1200/1215/1230 UTC

File 44409 (binary contents)

11076/9053/7386 kHz, 22-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 26-08, 1200/1210/1220 UTC

11166 70202 35874 26010 01719
60498 59443 48742 49296 53237 58223 31654 76776 94593 81558
14978 46068 01592 05068 04327 97811 15289 98372 44456 14065
12368 51795 96532 23383 24247 40664 03381 45827 55896 88146
47416 01359 21551 12559 30936 30047 39503 70083 33458 97532
53164 28834 25807 84181 70591 35211 45618 81367 39642 58471
63958 43322 00981 24464 97743 67986 86088 74462 47653 05309
52492 10031 66209 16414 73374 09863 85729 32099 23783 29535
60820 84071 30592 20100 05120 07387 78434 26469 26956 37515
88769 51522 93627 50467 14287 96867 78976 19432 15829 16209
73953 86351 14024 42241 64862 71878 32803 73022 08961 72141
77012 28755 62117 15776 11288 14913 38206 79638 32385 52658
04919 86652 52160 62473 45708 34218 33377 11963 42512 26631
45536 63744 58977 09940 32912 84376 28859 32679 11982 00268
79279 80921 40439 11480 43540 61090 24976 99394 43169 28951
60018 89155 43899 88239 14617 52835 15256 07356 09655 64268
48446 27563 52589 41468 12234 61120 21888 37596 51498 02808
18370 66391 58148 03253 25623 73010 69087 77522 46692 10169
00000

11166 70202 49752 26011 02099
12904 11862 79762 08875 47725 59605 88132 06311 49428 23853
03554 31964 08635 15498 44433 72586 07613 63438 18032 53318
91269 63277 32707 42681 10894 89789 29013 51823 39089 65351
90584 32678 79343 01512 20739 04739 18653 55890 95743 65138
96663 71606 30678 61713 89740 91405 18834 33746 33427 63682
30583 50067 31716 82590 82660 99210 26572 29416 13794 11309
26150 07408 27615 16410 15140 87260 88795 68911 95679 05420
83349 92792 32271 82411 79019 27336 99133 53379 46712 78024
53446 28013 28899 02303 82893 22063 65924 84888 00978 27621
16173 82320 88512 14358 31008 41433 04753 78912 70444 21450
16585 84599 70470 74369 19226 58650 97980 63339 46861 39153
54230 23719 96659 88888 12772 96487 14613 18253 02798 88715
16618 84440 73832 40772 43256 59090 02706 04952 71706 81580
28757 65223 33213 40144 28188 52775 09569 48013 63525 37047
07031 06769 69109 96940 31124 74081 58558 01895 10751 78034
65145 57506 45062 45224 51019 95392 71521 34805 46212 11983
78585 95692 03371 85911 11469 89082 79146 28731 44399 43507
78181 48591 17816 34586 20634 31613 63954 06673 19175 70612
69242 78590 76390 95885 46944 00633 38540 87723 18509 55016
66592 75355 27038 16988 10485 52009 31321 18757 97550 60770
53880 83450 71036 30921 81448 21272 39651 11207 00000

11076/9053/7386 kHz, 28-08, 0700/0715/0730 UTC

File 44412 (binary contents)

10394/8076/6768 kHz, 28-08, 1200/1215/1230 UTC

File 44412 (binary contents)

11076/9053/7386 kHz, 29-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 29-08, 1200/1210/1220 UTC

11166 70202 75813 28013 01779

76576 54115 11242 46107 01982 90969 18388 64858 54081 59496
82708 02623 62311 90546 51804 39092 08499 85120 65019 17739
18771 92675 38761 41172 84080 32510 67148 43154 64037 31646
05191 73213 53719 77654 26662 54793 18164 09865 73880 02869
24225 97380 41560 11985 24474 77357 61937 50627 72848 51968
83356 22892 76715 67500 59495 83370 15056 24017 91421 16193
77451 89020 89676 14179 03551 13564 48560 19009 27718 74234
49807 08383 58545 89453 37855 41082 47914 83540 33872 95872
29290 96950 80748 65210 29954 66161 36229 89648 86838 21609
56378 43923 20667 77137 36568 10626 48080 09390 02167 02414
36443 50568 66126 18693 31007 43026 95653 47715 09132 29102
55144 50013 41238 74645 17582 84133 63192 49682 61576 60579
89796 14631 96235 34926 24091 85536 81057 76020 42130 76739
33027 70230 57948 44422 38110 47654 98382 79473 09328 41247
42441 23113 58602 14794 04922 03694 74558 20665 68946 18148
23466 73300 97111 06488 15523 49344 75943 92817 03651 50389
73333 91285 06998 89243 13659 00412 76340 85683 00260 34232
43563 82603 39969 63705 22409 13175 00000

11166 70202 97541 28014 02039

03048 57639 79035 07625 80709 32304 23503 82453 01190 85817
43793 33360 32211 69364 33697 93636 36890 56801 28882 48528
51001 49729 26001 99535 48229 22508 01510 27248 98097 30644
47375 38652 46264 31005 65874 09853 71855 87276 90655 60136
01557 59123 26257 18325 85112 98464 23272 67346 61946 01330
31350 77972 73587 88705 97206 67648 01572 14839 99850 45359
35531 26401 40202 28473 01143 20985 27291 42486 02624 78344
28227 39622 59470 62834 74126 97217 42121 20469 39184 81820
36233 19058 35073 89963 90256 04836 87872 01522 26003 74043
89690 06611 16886 82877 42196 91962 63522 44266 34219 97699
21390 84890 20629 80468 60220 60903 94666 43852 59818 55775
70922 22008 71992 08705 21144 27459 03292 47034 30067 98995
98221 21106 63449 10600 27648 65004 65503 27350 12052 31599
27907 19231 34343 75358 97585 68795 21910 81346 15452 33609
02595 63844 03289 49418 64282 83051 40965 84976 72787 53275
01170 84470 27736 41073 33858 58484 61115 76771 17583 09427
08194 27795 19915 02380 05484 07257 34134 17286 95453 16240
84371 43428 42656 43199 16398 02127 90969 68940 16253 08598
16652 50598 23876 08913 56867 83053 33962 52988 18400 61234
01205 89550 96222 91728 92115 94009 56627 27155 50623 65186
64581 14201 00000

11076/9053/7386 kHz, 30-08, 0700/0710/0720 UTC

11166 70202 12563 29054 00049 00000 00000 00000 00000

Link 80214

17439/13387/11145 kHz, 01-08, 1330/1340/1350 UTC

11166 80214 56238 31066 00049 00000 00000 00000 00000 (Wrong date 31 vs 01)

17439/13387/11145 kHz, 08-08, 1330/1340/1350 UTC

11166 80214 62347 08071 00049 00000 00000 00000 00000

17439/13387/11145 kHz, 15-08, 1330/1340/1350 UTC

11166 80214 12987 15001 00049 00000 00000 00000 00000

17439/13387/11145 kHz, 22-08, 1330/1340/1350 UTC

11166 80214 89562 21099 00049 00000 00000 00000 00000

17439/13387/11145 kHz, 29-08, 1330/1340/1350 UTC
11166 80214 75619 29035 00049 00000 00000 00000 00000

F06a

4795/5463/7329 kHz. 01-08/02-08, 0400/0415/0430 UTC	File 04444 (binary contents)
4795/5463/7329 kHz. 08-08/09-08, 0400/0415/0430 UTC	File 04445 (binary contents)
4795/5463/7329 kHz. 15-08/16-08, 0400/0415/0430 UTC	File 04446 (binary contents)
4795/5463/7329 kHz. 22-08/23-08, 0400/0415/0430 UTC	File 04447 (binary contents)
4795/5463/7329 kHz. 29-08/30-08, 0400/0415/0430 UTC	File 04448 (binary contents)

13469/16223/17419 kHz, 28-08,29-08, 0600/0615/0630 UTC	File 48405 (binary contents)
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15763/14513/13531 kHz, 30-08, 1900/1915/1930 UTC	File 40433 (2967 bytes, binary contents)
12131/11092/10208 kHz, 31-08, 0600/0615/0630 UTC	File 40433 (2967 bytes, binary contents)

F07

16263 kHz, 01-08/06-08/08-08/13-08/15-08/20-08/23-08/27-08/29-08, 2000 UTC
15852 kHz, 01-08/06-08/08-08/13-08/15-08/20-08/23-08/27-08/29-08, 2010 UTC
14968 kHz, 01-08/06-08/08-08/13-08/15-08/20-08/23-08/27-08/29-08, 2020 UTC
14417 kHz, 01-08/06-08/08-08/13-08/15-08/20-08/23-08/27-08/29-08, 2030 UTC
13478 kHz, 01-08/06-08/08-08/13-08/15-08/20-08/23-08/27-08/29-08, 2040 UTC
12143 kHz, 01-08/06-08/08-08/13-08/15-08/20-08/23-08/27-08/29-08, 2050 UTC

HM01 - Dirección General de Inteligencia

1-10 August. Repeat of 22 July

Groups	35312 15052 41121 14758 40156 36255 (repeat of 22 July)
Files	78273625.TXT 18061505.TXT 11424112.TXT 27811475.TXT 06084015.TXT 78273625.TXT
Callsign	QWERTY01

10345 kHz, 11-08, 0657 UTC

Groups	31423 66133 60712 60281 73051 78165
Files	24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 87027816.TXT
Callsign	QWERTY01

12 & 13 August. Repeat of 11 August.

10860 kHz, 14-08, 0457 UTC

Groups	31425 66135 60714 60283 73052 78167
Files	24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 87027816.TXT
Callsign	QWERTY01

10860 kHz, 15-08, 0521 UTC. Late start

Groups	31426 66136 60715 60284 73053 78168
Files	24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 87027816.TXT
Callsign	QWERTY01

10860 kHz, 16-08, 0452 UTC. Radio Habana Cuba, switched to HM01 at 0455z.

Groups	31427 66137 60716 60285 73054 55461
Files	24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 36105546.F1G
Callsign	QWERTY01

10860 kHz, 17-08, 0520 UTC

Groups	31428 66138 60717 60286 73055 55461
Files	24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 36105546.F1G
Callsign	QWERTY01

10860 kHz, 18-08, 0530 UTC

Groups 34351 03081 60718 60287 73056 55462
Files 34863435.TXT 36800380.F1G 36106071.F1G 04366028.TXT 36087305.F1G 36105546.F1G
Callsign QWERTY01

10860 kHz, 19-08, 0527 UTC

Groups 34352 03082 44371 60289 73058 55464
Files 34863435.TXT 36800380.F1G 38824437.TXT 04366028.TXT 36087305.F1G 36105546.F1G
Callsign QWERTY01

10860 kHz, 20-08, 0510 UTC

Groups 35313 15053 41122 85051 40157 36256
Files 78273625.TXT 18061505.TXT 11424112.TXT 50818505.F1C 06084015.TXT 78273625.TXT
Callsign QWERTY01

10345 kHz, 21-08, 0820 UTC

Groups 35314 15054 41123 85051 35461 36257
Files 78273625.TXT 18061505.TXT 11424112.TXT 50818505.F1C 60853546.TXT 78273625.TXT
Callsign QWERTY01

10860 kHz, 22-08, 0510 UTC

Groups 35315 15055 41124 85052 35461 36258
Files 78273625.TXT 18061505.TXT 11424112.TXT 50818505.F1C 60853546.TXT 78273625.TXT
Callsign QWERTY01

10860 kHz, 23-08, 0529 UTC

Groups 35316 15056 41125 85053 35462 36259
Files 78273625.TXT 18061505.TXT 11424112.TXT 50818505.F1C 60853546.TXT 78273625.TXT
Callsign QWERTY01

24-31- August: 0500-1000 UTC no transmissions / 2100-2200 UTC not monitored

P07

9214 kHz, 04-8/07-08/11-08/14-08/18-08/21-08/25-08/28-08, 1400 UTC
8187 kHz, 04-8/07-08/11-08/14-08/18-08/21-08/25-08/28-08, 1410 UTC
7534 kHz, 04-8/07-08/11-08/14-08/18-08/21-08/25-08/28-08, 1420 UTC
6782 kHz, 04-8/07-08/11-08/14-08/18-08/21-08/25-08/28-08, 1430 UTC
5899 kHz, 04-8/07-08/11-08/14-08/18-08/21-08/25-08/28-08, 1440 UTC
5184 kHz, 04-8/07-08/11-08/14-08/18-08/21-08/25-08/28-08, 1450 UTC

X06

16264 kHz, 01-08, 1009 UTC. Pre XPA2 test: 224365

XPA1**13491/12191/10691 kHz, 02-08, 1210/1230/1250 UTC**

416 416 416 000
05098 00001 00000 35266

13491/12191/10691 kHz, 07-08, 1210/1230/1250 UTC

416 416 416 000 02427 00001 00000 36654

13491/12191/10691 kHz, 09-08, 1210/1230/1250 UTC

416 416 416 000
09475 00001 00000 35670

13491/12191/10691 kHz, 14-08, 1210/1230/1250 UTC

416 416 416 000
04964 00001 00000 37662

13491/12191/10691 kHz, 16-08, 1210/1230/1250 UTC

416 416 416 000

03999 00001 00000 42264

13491/12191/10691 kHz, 21-08/23-08/28-08/30-08, 1210/1230/1250 UTC

416 416 436 1 416 416 416 1 416 416 416 1

00208 00099 73601 65783 62145 16036 74180 08405 88847 66819

37298 68210 46875 72954 58784 61467 86148 28376 85948 66148

35079 26853 31802 72744 99742 77599 63067 69282 69011 96844

51096 48028 36041 61101 45893 68836 47703 74947 66929 88002

23352 36226 41600 50663 50185 20742 17459 83127 30290 02513

53306 50861 88914 60955 89977 36822 68776 64582 49275 82506

76969 50845 81429 58890 25483 37410 06300 25248 91229 59835

41059 51928 80928 56502 63482 36176 65479 16551 75604 92428

66394 63519 45205 94306 23267 55778 73643 24167 77494 87845

34674 90696 96420 98278 55841 05522 80102 21748 24158 43488

21360 14446

XPA2

10252/11152/12152 kHz, 0500/0520/0540 UTC

10252/11152/12152 kHz, 01-08, 0500/0520/0540 UTC

04098 00120 30322 54681 44468 83924 97683 77291 74922 70183

94250 64666 52300 55972 20307 80355 99859 56204 07579 88603

32125 46329 33835 18052 71796 84767 12896 50228 64499 95122

09446 38104 30308 44632 88303 31717 41764 77100 99102 99537

01431 14297 06823 62207 37783 25777 41111 77772 53831 84883

28673 70644 90857 01918 50153 13135 76179 08314 47101 21172

80645 46711 51136 67244 03358 95749 66893 28912 02838 56582

61875 79332 34221 05219 71035 61399 35162 40638 19288 47862

40569 11210 10462 65163 82241 97225 61694 34679 61156 33086

35088 69400 09630 95896 54971 78507 13732 50337 10555 90951

93303 22411 75934 48482 95021 43675 15985 89593 12677 96948

18445 88495 74262 05523 56683 16252 99738 23036 49887 56886

09259 90164 32675

10252/11152/12152 kHz, 06-08, 0500/0520/0540 UTC

02528 00001 00000 37654

10252/11152/12152 kHz, 08-08, 0500/0520/0540 UTC

01548 00001 00000 37655

10252/11152/12152 kHz, 13-08/15-08, 0500/0520/0540 UTC

07582 00032 93591 91279 01235 29437 24858 72211 96973 09971

06844 38640 19924 86280 80609 64351 28303 29836 49557 65481

80874 12179 99371 08076 49882 91403 88883 81842 64967 61074

46266 45771 44522 30934 16573

10252/11152/12152 kHz, 20-08, 0500/0520/0540 UTC

02759 00001 00000 41257

10252/11152/12152 kHz, 21-08, 0500/0520/0540 UTC

06007 00001 00000 34656

10252/11152/12152 kHz, 27-08/29-08, 0500/0520/0540 UTC

09959 00113 16433 03882 56663 29518 89795 63003 90709 55417

58133 40514 27934 34096 60537 83130 56045 07304 58131 64166

22007 43430 17367 08889 09880 74596 17840 58258 25887 21490

78945 57041 62116 27204 10749 29428 71585 56108 79416 27033

88133 05490 13060 16748 70156 41593 39966 63832 92114 65229

47236 50220 41138 81737 53993 53704 03026 63235 63588 72934

92163 34973 09142 62553 32166 13243 16537 24152 20860 73845
13327 79843 14258 84323 16985 62179 39808 14181 39552 56116
69009 24232 66455 02204 09566 13621 81055 54585 85505 16654
00689 16658 19838 20506 20228 32713 48970 20019 01479 93256
10449 15273 83377 40128 93655 79954 38004 14112 06572 27372
15606 95508 57619 54954 49768 02715

14372/13372/12172 kHz, 0910/0930/0950 UTC

14372/13372/12172 kHz, 01-08/03-08/08-08/10-08, 0910/0930/0950 UTC

07600 00077 66039 49059 12754 62603 43107 46952 63811 00669
32118 75757 05718 02045 74838 64605 38736 88526 47915 47120
74242 17976 69492 34607 37080 14681 20681 69896 81589 05190
72491 17464 38777 43619 97425 63505 39125 03888 00796 73297
05967 53500 38771 11334 36603 62272 98706 49189 15826 40777
08530 12947 80697 38501 44814 50138 94432 23243 08645 89404
62808 37705 32632 51843 54639 33319 31649 52448 22419 69228
16079 77573 95625 76445 38442 18459 87484 18445 18320 46203

14372/13372/12172 kHz, 15-08, 0910/0930/0950 UTC

01565 00001 00000 36257

14372/13372/12172 kHz, 17-08, 0910/0930/0950 UTC

06383 00001 00000 34266

14372/13372/12172 kHz, 22-08, 0910/0930/0950 UTC

05212 00001 00000 33256

14372/13372/12172 kHz, 24-08, 0910/0930/0950 UTC

09876 00001 00000 34670

14372/13372/12172 kHz, 29-08/31-08, 0910/0930/0950 UTC

00468 00052 11759 91371 17386 91714 96657 92219 91402 13557
77738 19874 16878 42413 11313 01076 89481 51448 09526 38715
65449 42372 32153 22179 83070 78085 24176 75676 36104 77455
14661 13986 30676 45125 74235 05647 77129 41047 52922 79855
50891 86917 96367 82290 43593 07490 85629 96191 97293 53696
82192 30228 92871 05963 54321

16264/15864/14864 kHz, 1100/1120/1140 UTC

16264/15864/14864 kHz, 01-08/07-08/08-08, 1100/1120/1140 UTC

03323 00086 87305 27785 90378 96114 33671 72422 26189 83862
73537 76775 02701 81369 44002 98758 46694 30694 60073 85346
00845 40406 52933 84456 49592 84129 81984 22371 27866 95051
65094 57641 66731 62784 10429 23623 55209 57645 52280 02956
47454 15887 78856 76598 36981 26187 75231 93944 63569 74586
23811 66485 59659 59003 83723 87405 56524 36606 26737 98560
59160 02755 80127 39911 37572 40769 16995 04717 29018 94149
21501 71117 97669 55045 92872 83318 40640 69611 55999 79840
69289 84041 68115 82191 25409 41955 27490 57670 54220

16264/15864/14864 kHz, 14-08, 1100/1120/1140 UTC

01661 00001 00000 34557

16264/15864/14864 kHz, 15-08, 1100/1120/1140 UTC

07477 00001 00000 36666

16264/15864/14864 kHz, 21-08/22-08, 1100/1120/1140 UTC

00292 00140 85540 37662 14610 71334 27773 55832 20022 74755
46888 94986 28188 44463 55030 82805 25714 31869 69143 44861
80883 11293 00558 69779 64727 62445 18653 53882 77038 02515
17617 46650 87214 96617 73518 21759 46580 95365 54855 11665

73283 58796 97949 84469 64209 74991 22887 99777 02802 82928
73936 80000 04203 13906 19884 80506 77177 58719 36653 39218
87253 22517 76556 29259 55551 98104 74622 28448 32425 11761
69227 52825 00428 42213 77511 44338 44613 87152 69975 14603
52808 21182 43774 20322 48242 74222 15064 92664 32247 85265
24798 25328 27968 27911 29577 28310 99617 63311 61336 44463
02441 11772 48326 08764 29946 83272 02240 41524 57500 72007
59818 74113 27552 27703 80776 25882 08255 29204 87226 88680
50053 58865 02768 22911 76387 11164 13046 86666 50333 71507
69913 69575 17325 14035 74338 50736 41040 24447 28263 32217
75500 90913 43515

16264/15864/14864 kHz, 28-08/30-08, 1100/1120/1140 UTC

00599 00037 56629 83349 38603 07928 36900 57003 58488 44515
76452 52256 69054 01633 32209 17425 01071 00077 50006 51313
46599 66674 97452 74469 74138 99566 50941 79580 74867 56332
47465 52133 96274 08323 62818 18421 30049 54122 52498 26723

14864/14364/13464 kHz, 1600/1620/1640 UTC

14864/14364/13464 kHz, 01-08/06-08/08-08, 1600/1620/1640 UTC

00310 00209 01717 74513 11806 33511 34561 10453 98151 39246
98972 66838 91596 44092 66892 60350 69448 93905 02285 58269
69984 58622 20988 46135 47545 04852 38607 33747 36837 36028
96157 05975 00528 03241 24437 71430 19607 36001 36572 43307
40335 72817 51545 15804 98200 05785 31564 53305 24905 96917
04454 47590 29293 31036 03428 76145 94600 01079 44932 81220
31404 86163 69430 16376 89048 12590 01462 63114 54227 02343
50539 45459 17372 87879 37958 93081 61505 03295 87762 79102
88955 26705 32117 73738 47992 87927 42936 18886 31606 61899
33325 89149 32783 19226 22099 12096 43716 13805 95169 43476
22072 06148 16639 82903 99679 35933 63279 45374 34358 49016
14241 25614 42111 69969 67020 09934 49433 17230 20167 91552
58211 79869 86804 39232 01784 56237 00348 68740 20711 77736
49370 47850 08904 74387 74332 65093 12308 83423 24953 80919
63200 43991 69415 83717 57603 48090 38512 51702 75813 80493
49192 57516 18496 52887 90546 25928 11240 82686 42537 21349
21242 33918 07349 80121 37357 66117 70743 69971 65774 57660
71388 21024 06789 58451 57548 55342 14508 43330 67870 50949
36928 19796 15893 71532 57376 72019 79896 56367 88033 13198
71230 38267 37059 37629 79117 22134 94039 41486 35970 51512
99941 30672 29240 85665 45538 32208 13607 87660 38303 42970
59595 01162

14864/14364/13464 kHz, 13-08/15-08, 1600/1620/1640 UTC

00297 00195 44172 86767 40476 36561 40354 85596 87876 35481
97507 83789 91734 31435 65514 87522 56749 98856 86368 17218
86045 11541 69784 57378 27599 63035 79841 33899 87295 54260
73627 90914 02637 36027 35439 94294 65546 83923 38148 80232
90548 07925 42528 01216 73847 91446 27004 14332 32569 74795
47656 42140 20818 47707 74679 99189 35489 48921 31463 70439
91719 07416 76713 87005 04659 24695 69839 32389 96252 44957
80021 11241 09086 08466 80779 92038 36914 22271 47850 95365
60436 88370 01313 81252 96734 12730 98124 48014 16953 58766
06898 81995 85804 31915 43227 07532 98017 36568 45070 09203
98602 10852 33034 58100 07215 28684 41534 25044 55341 38973
21873 50356 12747 71840 38483 89006 89339 52330 17260 65473
44463 08018 60736 35908 45447 66251 73847 13680 69131 91290
35996 34417 05578 56709 21424 05734 93374 65881 73833 18258
44482 91193 95965 05383 96791 90428 07272 24522 81381 19578
82728 51390 59644 52927 62998 54221 47218 89057 90783 09244
23508 03090 06302 60366 79299 65675 96857 66705 81398 40218
36101 62191 26016 44190 49770 38266 49587 06247 43474 84767

15122 06743 65759 53393 31858 72136 14942 71021 91716 74335
79467 62399 93634 16614 56670 30145 21389 77017

14864/14364/13464 kHz, 20-08, 1600/1620/1640 UTC
07714 00001 00000 36660

14864/14364/13464 kHz, 22-08, 1600/1620/1640 UTC
03036 00001 00000 34256

14864/14364/13464 kHz, 27-08/29-08, 1600/1620/1640 UTC
03563 00252 77708 92312 84610 82951 65461 86427 29107 37510
52657 67315 37921 26902 61854 81802 92338 88492 08425 63764
01502 87076 56204 53257 64060 23112 23623 97412 60729 08234
34101 70371 40356 56079 09834 77614 33613 47480 40170 98776
99639 73411 68725 65787 80398 83836 70998 49408 28023 47201
62154 65128 82589 46572 65648 78789 21607 13388 69963 34238
60799 94496 38076 58007 71135 22553 13265 80257 02317 91807
63472 92093 27409 09943 56744 59958 60783 58662 82729 00059
78513 09432 65313 15982 01744 42203 25015 43331 53442 63623
49225 75557 19258 02624 01679 53199 81050 46063 60526 45095
33511 71451 60566 86945 37268 20163 57444 54294 28161 35049
20651 28479 20162 78501 01172 68051 86975 46864 69886 72870
71749 69246 26928 31854 26533 91069 22123 68474 44815 41231
85462 25010 43979 73843 09172 49715 59672 41881 50325 08429
32110 95372 74049 09548 84049 59232 09680 09441 57528 27170
74311 39477 30334 76056 82601 84092 20233 49912 41016 81500
90945 09506 00664 66980 42284 97006 02974 36877 21166 06501
40456 33115 66663 55818 00738 49819 68357 91564 68543 23291
17742 55827 98031 51937 47642 48914 00802 90448 25859 07416
94859 45396 69430 09976 89152 12774 51028 93724 16980 02764
93590 90332 52096 42260 75196 43052 86819 59345 54057 05100
81413 99362 97661 12843 39879 44833 71441 77366 67746 11530
42928 26179 58589 93283 78455 33191 51542 09908 18409 08118
25230 83794 94702 61650 00792 20417 39089 22871 74851 56079
74185 60466 39806 16944 07902 98885 18054 03951 79220 08370
35773 77221 60653 77684 55470

13887/12187/10387 kHz, 1100/1120/1140 UTC

13887/12187/10387 kHz, 02-08, 1100/1120/1140 UTC
00399 00161 01680 98486 32812 28584 24926 65863 11450 28108
56189 53911 08940 47892 34624 75955 17245 26847 55530 49093
03926 50465 14891 87558 86919 58261 50155 50761 81214 04735
96305 75382 72860 07560 46251 18415 13796 21753 86068 52653
09590 39501 12567 84685 64134 63832 95689 18511 51645 04366
52648 41837 49100 32357 54121 47028 91610 15953 46680 02811
50771 70597 29342 36180 78218 08227 39219 92586 06577 15795
18163 97321 69852 20417 74420 93054 00078 80780 33552 64948
37051 55985 14869 37762 87108 24306 46144 36640 60137 96109
94705 66750 46097 39923 39089 82290 33722 58800 26973 18311
23922 89238 70339 53203 35941 65608 86789 77996 07784 62757
50396 52227 65029 33653 79408 58084 72870 25406 35766 93777
60487 85253 83914 52746 44888 28228 97647 27345 90059 33799
34563 93881 71888 84822 14333 45937 58300 89525 27215 51361
81560 34686 23261 76272 95061 73872 88767 23447 80162 63434
77325 79028 10173 18859 65435 11492 75471 18736 01024 58871
75940 74210 96898 10334

13887/12187/10387 kHz, 06-08, 1100/1120/1140 UTC
05512 00001 00000 34656

13887/12187/10387 kHz, 09-08, 1100/1120/1140 UTC
02950 00001 00000 35657

13887/12187/10387 kHz, 13-08/16-08/20-08/23-08, 1100/1120/1140 UTC

00267 00025 64389 11241 45852 62580 55916 14617 55669 25427
23932 80518 21087 04603 47166 38845 61037 56723 34237 56889
44380 46845 05675 99674 84981 33822 59389 72335

13887/12187/10387 kHz, 27-08, 1100/1120/1140 UTC

02774 00001 00000 37261

13887/12187/10387 kHz, 30-08, 1100/1120/1140 UTC

03990 00001 00000 35664

15884/14684/13484 kHz, 1800/1820/1840 UTC
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15884/14684/13484 kHz, 02-08, 1800/1820/1840 UTC

00330 00112 01144 07825 73678 99275 22702 69927 77227 78745
38322 61304 09479 51166 73409 39220 23636 71894 61343 38985
96417 33938 59025 41489 05751 93535 99257 93212 77154 71733
93608 70557 65278 26583 36455 02497 85028 48161 88549 55269
66515 49382 78068 41125 84257 46230 21219 49089 04416 40188
51230 67337 57393 03598 73122 80038 39345 53868 42910 44522
36728 91051 15085 49151 98176 45586 91440 86610 91776 07955
23543 26650 37220 73937 97349 98278 81034 60112 16894 36274
27782 44751 12509 98381 57667 50981 07406 60635 84335 32663
29163 31697 92872 15199 08681 16450 09353 16411 61406 12938
18127 88365 13496 56494 07648 08753 32497 66346 02948 60648
70808 27922 49798 20739 42263

15884/14684/13484 kHz, 07-08/09-08, 1800/1820/1840 UTC

05666 00126 45695 08791 51568 64380 54208 75532 76578 23788
12549 33057 60276 23244 52537 76962 52603 25542 95666 41937
77215 58875 77642 37046 51985 41936 38405 33846 25191 33628
41523 88709 63353 61387 51410 36655 67184 79686 73083 29729
39476 94964 90303 44909 53310 14600 75442 78753 33821 68389
55537 72686 73991 32738 07080 20385 84688 31035 63910 60434
64381 02366 32354 59886 50993 62978 94003 63421 71493 78367
24243 13570 14204 63030 83477 45655 91287 75304 10219 70743
19020 81853 44591 15827 37223 34912 33975 16818 07999 87298
87090 90285 82762 50468 67782 74522 56010 22642 06879 88522
78019 65396 87955 93523 89365 97292 82578 13791 14910 87441
88314 50301 91766 64398 89865 42122 34085 31836 54787 30012
19117 64432 29630 04268 11855 46373 41837 31911 46421

15884/14684/13484 kHz, 14-08, 1800/1820/1840 UTC

05823 00001 00000 36657

15884/14684/13484 kHz, 16-08, 1800/1820/1840 UTC

01967 00001 00000 41257

15884/14684/13484 kHz, 21-08/23-08, 1800/1820/1840 UTC

00251 00237 48032 56540 05087 00668 64851 38070 99651 49405
86512 06547 76184 70775 06784 57276 08854 96288 53742 46360
08876 67408 00683 87580 63136 60388 06664 02338 56830 88103
55362 30133 10080 77506 78426 60860 88066 00355 88051 00383
08035 54560 63812 51997 29406 94295 90958 25834 88826 88766
85842 03604 87406 10133 68208 08038 88625 68812 13440 97025
30489 50747 22764 55916 50373 11230 33200 66921 71129 52243
92232 66461 18490 03356 32705 10069 59377 14945 18957 12780
43743 74579 92076 54074 98184 37403 76835 68671 13598 19902
73391 23786 32047 84793 36859 30387 21981 89567 90286 87251
80039 32951 45482 93041 26335 45673 04733 48637 93002 85069
78159 78684 46949 33140 37532 84511 16611 06956 46661 44647
85428 85079 36129 39133 18170 14605 75714 72533 49907 42404
37707 10038 65001 32232 40826 94226 08644 04395 88888 36321

05061 66484 48215 67118 59251 92643 48564 48392 84666 43804
37130 40981 56181 66868 78568 69443 16449 11454 50658 83089
00573 78591 76487 43864 00867 42934 72090 10835 31412 78033
09228 32368 89543 71317 69782 80334 88275 28221 42231 40775
16996 50431 03230 65242 20456 40071 64292 06322 23070 44514
64770 51972 98257 19880 15262 37651 30845 88007 00153 21751
10713 62522 56402 52544 29033 02658 04868 70082 05640 72965
27855 80391 00070 78819 06827 30517 30582 81158 00326 17832
49218 86327 26813 84994 00365 02841 92402 15368 26304 83138
04137 37492 96478 80985 24986 88236 75347 60133 12188 86006
39949 10715 27262 26164 66561 78733 04665 24142 31865 40060

15884/14684/13484 kHz, 28-08/30-08, 1800/1820/1840 UTC

00665 00093 05460 97304 78945 30880 54800 36408 74068 42665
86762 85148 51213 92455 43224 07387 99871 92532 94760 22055
29886 38785 98816 87460 94482 38429 78047 13802 58882 22402
42281 01796 20469 60354 71508 11368 87396 95400 59204 61695
26564 47708 45642 71161 09123 58751 09411 04571 00890 65187
49272 26243 86497 81733 45568 61482 81322 44409 08676 10287
75243 81354 14577 08677 74790 19669 99757 62577 25129 41607
10706 43429 38242 90285 10881 49118 61873 93024 63041 23032
30755 32879 24577 67495 01437 59544 94285 18347 38821 68870
63360 75341 84383 16398 90661 65740

13825/12125/11025 kHz, 1500/1520/1540 UTC

13825/12125/11025 kHz, 03-08/05-08, 1500/1520/1540 UTC

09113 00233 97452 53640 46818 75693 62278 49037 27342 81167
06730 21584 58138 01542 11579 72953 12340 18883 64424 38830
45569 69901 71839 82315 79606 69103 10260 43476 96641 17280
27461 21388 08434 76695 54266 34006 61575 93717 57991 95219
52754 81677 15362 28312 49433 92740 72668 95385 68612 89702
14901 78087 53719 92326 42842 52204 48638 32913 05726 13659
16982 81703 30924 50622 41893 68953 53475 28602 32607 40598
41133 59522 20879 41263 08739 15978 76084 60754 34582 90611
34681 49074 81325 87491 48482 41238 24021 02647 37588 71270
65933 67138 51896 08497 05513 82446 99058 62247 48515 78869
97327 27130 81481 24061 76498 40950 45406 26458 77885 40849
01066 94040 27182 08489 98353 01273 67684 73095 64627 18499
48737 21340 48197 62879 30656 49242 28711 70928 82873 47996
98804 69764 73430 00172 53050 74442 64872 88539 65573 38586
31147 22210 06254 30523 20582 41143 43376 92748 34224 49653
43455 26610 71719 35248 20875 07822 54145 88193 94087 54634
25394 06187 94113 49929 47788 83287 74107 07908 53029 01004
03439 50108 48558 11055 75145 96724 28291 44255 80173 56446
02467 34227 30673 46477 15546 91579 51405 07495 25115 25439
45538 98641 66740 06933 25833 04993 67621 70344 08967 59917
26196 08767 83778 77999 01116 45081 46603 46694 37833 19668
73724 40242 88632 96952 24559 74467 73034 55191 92439 20982
97197 06295 72977 32452 71826 95140 72212 75357 79525 82547
23715 37700 28705 56293 70402 41707

13825/12125/11025 kHz, 10-08, 1500/1520/1540 UTC

08832 00000 00000 36663

13825/12125/11025 kHz, 12-08/17-08, 1500/1520/1540 UTC

09833 00275 78608 37658 60922 45338 71301 17021 61042 62326
73740 44604 06063 49475 98072 19081 77133 54593 96790 79604
17236 14900 17322 60845 74668 03564 74755 86894 39821 80719
84535 59703 98814 69687 88857 74318 18108 33555 92426 68782
69108 69911 29005 21036 72068 45552 15499 71151 53489 19507
49738 66132 57888 21731 48342 58067 24110 71016 65384 34883
71054 20378 30018 21291 85674 36000 02319 57012 12379 79016

93485 70112 45128 61229 36274 66388 49561 55863 61388 56812
58387 22946 00957 09845 14237 36967 58824 40820 28482 18422
80574 88021 11795 67493 52128 38859 17421 01181 60727 53391
16642 68460 48021 70752 02818 24017 17619 53044 29061 64991
00443 71611 65355 10282 57445 07263 04848 58936 59084 63272
67985 00641 18672 23049 70809 25235 35667 63653 50973 84647
26658 78993 10392 83467 91206 43410 58118 12215 37572 71332
55808 82655 46721 09507 77150 03500 11110 68995 75439 31368
81863 31678 87932 98447 28731 18162 67497 29255 43413 18198
38994 91375 96418 49577 88021 21099 29752 77997 67796 14322
23102 70053 88888 19947 59537 72638 64820 07121 42036 01998
19277 52139 63306 24822 08187 88221 43243 26278 94056 00939
39706 31795 99512 48135 94789 87103 11647 29371 59743 49559
58656 14555 16653 37488 34926 52826 61672 31189 27111 55152
30460 02124 52229 06235 25772 86631 67597 91363 31857 37371
43548 91141 07078 28499 02818 96496 83695 36020 44203 00262
36863 77126 09680 47095 35291 57550 46636 33219 36359 71010
15517 16998 59924 16334 17055 12593 42895 29147 22025 90940
72229 58661 54236 80227 89799 04701 69062 26705 12583 21592
68400 88660 24749 11345 54276 82625 78697 32485 09894 02430
45147 08101 28285 75371 14297 77366 09163 30473

13825/12125/11025 kHz, 19-08, 1500/1520/1540 UTC

03514 00001 00000 35654

13825/12125/11025 kHz, 24-08, 1500/1520/1540 UTC

03753 00001 00000 36260

13825/12125/11025 kHz, 26-08/30-08, 1500/1520/1540 UTC

05561 00240 60433 11282 80008 73804 20223 15937 26810 56038
39265 35783 34979 68752 77575 45814 35227 56264 64921 14914
69418 04585 05885 61830 55857 29865 51854 76966 85936 13976
77141 38619 95556 32627 52109 82193 12460 80944 99061 12177
75981 12387 51216 05063 76155 57873 30348 54197 06557 74025
49893 28988 41027 78614 29270 44758 97526 41018 40907 97386
43277 55267 94950 17970 57210 82031 05560 57282 96258 71405
61196 92134 55162 49797 61751 91268 14306 70048 66392 14026
96369 01444 13321 52579 68635 23579 37124 99140 54038 18400
39251 23495 83641 84232 93036 89166 89920 78410 13885 58754
89389 36961 45688 07885 75991 50126 30532 03460 63894 05037
09291 97865 71896 58947 61106 60120 41828 22457 44663 37656
80013 45963 04941 40858 88651 69436 61797 57575 04723 40051
08493 64751 04395 94786 90370 19907 40997 90616 89418 78048
46814 03970 93384 98274 57890 48687 56913 66526 58520 39482
42205 62754 07172 41531 12581 51415 52282 55159 56746 77092
14078 66895 17946 70849 01562 84263 07419 20378 15375 25684
92626 42028 25287 09809 74196 99862 60025 48896 32297 77423
60882 32478 00739 58553 64080 14077 68958 74779 56846 50655
54168 74881 39318 89907 02622 35315 62016 95025 18625 66084
69430 55389 84649 28058 26604 04417 52551 28325 20032 00482
77701 06535 88010 70113 04512 50886 16858 65339 77426 17454
79776 81586 56252 36621 92426 55252 18447 64302 76042 07022
25963 89060 87940 88270 30973 48707 53301 25450 73270 82427
19131 99877 23263

12152/13552/13952 kHz, 0700/0720/0740 UTC

12152/13552/13952 kHz, 05-08, 0700/0720/0740 UTC

07850 00001 00000 35264

12152/13552/13952 kHz, 07-08, 0700/0720/0740 UTC

00165 00001 00000 33257

12152/13552/13952 kHz, 12-08, 0700/0720/0740 UTC

04871 00001 00000 35663

12152/13552/13952 kHz, 14-08, 0700/0720/0740 UTC

04587 00001 00000 37264

12152/13552/13952 kHz, 19-08/21-08/26-08/28-08, 0700/0720/0740 UTC

02409 00108 95994 62856 68693 36847 20373 26594 18554 72312
56691 21966 21534 78832 59693 60101 90729 31942 51498 85409
58419 51446 87781 01695 69066 96560 60779 85390 01059 28076
49886 66401 40826 27322 23582 29763 33423 33105 06333 42675
25904 66649 16974 41590 91980 31532 35185 98483 66250 24128
48109 09005 24032 38768 50457 64973 30039 50728 27601 50704
42295 89834 47299 08274 03996 50510 83767 52256 88115 75050
91835 51822 01316 11500 26612 16764 52978 94546 92536 44193
21230 12478 68417 42760 92888 19763 17855 74737 73066 95844
50376 75990 95182 65127 35950 01449 27409 05426 75282 95327
36336 46892 06875 84115 56275 31770 60958 75701 37196 14686
13644

18059/16093/14874 kHz, 0910/0930/0950 UTC**18059/16093/14874 kHz, 05-08/07-08, 0910/0930/0950 UTC**

00592 00189 41662 03431 41362 22042 67476 27181 82785 50337
06947 87472 53669 03009 53550 49779 00104 19629 24945 97044
01050 37631 53622 84839 94667 88930 28715 32901 34392 69276
15223 34963 99503 34694 33774 25339 33511 83535 15484 69803
86463 66779 53491 82997 55223 99872 56918 20525 47351 02760
52332 48284 14251 12849 58135 44375 34958 35469 81039 85852
62924 36480 79481 49926 83322 26829 69027 39007 43053 26052
70980 10695 59308 41861 70462 84874 21631 45291 28179 20724
52879 77670 18825 13827 22339 61515 46013 54290 63195 71871
19801 70144 35086 94897 61587 09216 08478 47688 70171 01556
29272 00106 73940 24934 84938 38550 89066 25633 71706 74886
56694 61822 24770 57496 51958 90373 79911 09001 87998 51011
59068 80817 20473 18921 95063 52308 70345 21325 58312 66862
08598 62343 59768 49800 88502 60832 40187 75299 04269 96192
75314 54470 63821 22504 00556 95208 88412 69286 55769 48764
82578 75257 57139 39695 45743 93214 62341 69061 01205 03397
97927 15125 64342 17343 51694 94949 79769 03498 54458 19045
21009 77986 19747 47560 27631 52319 89801 30036 11558 15863
15502 68000 84847 33289 23260 13370 15366 17093 40179 81750
65441 01412

18059/16093/14874 kHz, 12-08/14-08/19-08/21-08, 0910/0930/0950 UTC

00559 00077 96631 41284 64540 36373 88841 55366 95347 55682
68822 08150 19064 48909 93372 42764 55209 79514 42089 63058
09279 51310 53912 07106 91390 18094 27991 22616 20695 62958
33295 91183 65859 90136 09487 11845 52736 88110 09647 86665
19994 96803 15713 09121 03874 37578 03087 60629 42099 81017
89219 46932 89646 64683 81216 17026 33268 30593 41333 16359
53054 55638 91159 54896 97388 10777 80182 44691 48297 63139
28420 08115 85648 45092 63564 49220 62555 39603 25570 44231

18059/16093/14874 kHz, 26-08/28-08, 0910/0930/0950 UTC

00654 00054 40616 71398 70373 20054 61452 85441 21452 62838
54787 24328 20416 87529 99827 94748 76502 74124 40674 34002
70890 14659 30712 11483 09628 09237 57001 49983 98459 16555
01056 73613 04007 70955 02898 24671 70427 17026 73031 25343
83002 33620 26522 61415 36092 94906 85857 92228 51333 23682
05990 46417 88578 56672 03084 34220 14650

XPB1

20064 kHz, 02-08/06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1300 UTC
19364 kHz, 02-08/06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1310 UTC
18464 kHz, 02-08/06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1320 UTC
17464 kHz, 02-08/06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1330 UTC
16264 kHz, 02-08/06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1340 UTC
15864 kHz, 02-08/06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1350 UTC

11559 kHz, 05-08/06-08/12-08/13-08, 0500 UTC
12159 kHz, 05-08/06-08/12-08/13-08, 0510 UTC
13459 kHz, 05-08/06-08/12-08/13-08, 0520 UTC
13959 kHz, 05-08/06-08/12-08/13-08, 0530 UTC
14459 kHz, 05-08/06-08/12-08/13-08, 0540 UTC
14959 kHz, 05-08/06-08/12-08/13-08, 0550 UTC

Frequency change

18451 kHz, 19-08/20-08/26-08/27-08 0500 UTC
18051 kHz, 19-08/20-08/26-08/27-08 0510 UTC
17451 kHz, 19-08/20-08/26-08/27-08 0520 UTC
16251 kHz, 19-08/20-08/26-08/27-08 0530 UTC
15851 kHz, 19-08/20-08/26-08/27-08 0540 UTC
14451 kHz, 19-08/20-08/26-08/27-08 0550 UTC

13567 kHz, 03-08/07-08/10-08/14-08/17-08/21-08/24-08/28-08/31-08, 1100 UTC
13367 kHz, 03-08/07-08/10-08/14-08/17-08/21-08/24-08/28-08/31-08, 1110 UTC
12167 kHz, 03-08/07-08/10-08/14-08/17-08/21-08/24-08/28-08/31-08, 1120 UTC
11567 kHz, 03-08/07-08/10-08/14-08/17-08/21-08/24-08/28-08/31-08, 1130 UTC
10567 kHz, 03-08/07-08/10-08/14-08/17-08/21-08/24-08/28-08/31-08, 1140 UTC
11067 kHz, 03-08/07-08/10-08/14-08/17-08/21-08/24-08/28-08/31-08, 1150 UTC

DIPLOMATIC STATIONS

Diplomatic stations: Bulgaria

18515 kHz, 02-08, 1025 UTC, RFSM
14755 kHz, 02-08, 0828 UTC, RFSM
18515 kHz, 13-08, 1025 UTC, RFSM
18515 kHz, 20-08, 1026 UTC, RFSM
18515 kHz, 21-08, 1028 UTC, RFSM
18515 kHz, 22-08, 1023 UTC, RFSM
14754 kHz, 23-08, 0828 UTC, RFSM
18515 kHz, 23-08, 1027 UTC, RFSM

18515 kHz, 26-08, 1027 UTC, RFSM
18455 kHz, 26-08, 1256 UTC, RFSM
17440 kHz, 26-08, 1226 UTC, RFSM
18515 kHz, 27-08, 1027 UTC, RFSM
18455 kHz, 27-08, 0856 UTC, RFSM
17440 kHz, 27-08, 1225 UTC, RFSM
14755 kHz, 27-08, 0829 UTC, RFSM

18515 kHz, 28-08, 1026 UTC, RFSM
18455 kHz, 28-08, 1258 UTC, RFSM
17440 kHz, 28-08, 1223 UTC, RFSM
18515 kHz, 29-08, 1029 UTC, RFSM
18455 kHz, 29-08, 1257 UTC, RFSM
17440 kHz, 29-08, 1222 UTC, RFSM
14755 kHz, 29-08, 0825 UTC, RFSM

Diplomatic stations: Egypt

22856.7 kHz, 01-08, 1644 UTC, SITOR-A 100/170	MFA Cairo clg RCVB: Egyptian embassy Washington
22855 kHz, 01-08, 1645 UTC, CODAN 3012 chirp	99903: MFA Cairo msg to 66601: Egyptian embassy Washington
22056.7 kHz, 15-08, 1442 UTC, SITOR-A 100/170	MFA Cairo clg KKVE: Egyptian embassy Bamako
19806.7 kHz, 23-08, 1704 UTC, SITOR-A 100/170	MFA Cairo long message
19806.7 kHz, 23-08, 1808 UTC, SITOR-A 100/170	MFA Cairo long message to RCVB: Egyptian embassy Washington + CODAN chirp call from 99903 (Cairo) to 66601 (Washington)
19806.7 kHz, 23-08, 1321 UTC, CODAN 3012 chirp	99901: MFA Cairo clg 44405: Egyptian embassy Islamabad

Diplomatic stations: North Korea

18030 kHz, 09-08, 0702 UTC	16250 kHz, 16-08, 0710 UTC
15555 kHz, 09-08, 0702 UTC	13555 kHz, 16-08, 0712 UTC
16252 kHz, 16-08, 0635 UTC	

Diplomatic stations: Russia

20837 kHz, 01-08, 0946 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
18736 kHz, 02-08, 0841 UTC, MFSK-66	Russian diplo
18324 kHz, 02-08, 1007 UTC, Serdolik v2	Russian diplo. Selcal

18322 kHz, 02-08, 1009 UTC, Serdolik	Russian diplo
18324 kHz, 02-08, 1013 UTC, Serdolik v2	Russian diplo. Selcal
18322 kHz, 02-08, 1009 UTC, Serdolik	Russian diplo
13838 kHz, 07-08, 0643 UTC, MFSK-6	MFA Moscow clg 256341: Russian embassy Beirut
14631 kHz, 07-08, 0829 UTC, MFSK-6	MFA Moscow clg 362154: Russian embassy Athens
19878 kHz, 07-08, 1247 UTC, MFSK-6	MFA Moscow clg 231654: Russian embassy Abuja
14863 kHz, 09-08, 0744 UTC, MFSK-6	MFA Moscow clg 615243: Russian Permanent Mission to the UN, Geneva
14414 kHz, 11-08, 1036 UTC, MFSK-6	MFA Moscow clg 145632: Russian embassy Algiers
15710 kHz, 11-08, 1132 UTC, MFSK-6	MFA Moscow clg 261453: Russian embassy Cairo
18060 kHz, 12-08, 0912 UTC, Serdolik v2	Russian diplo. Selcal
13369 kHz, 14-08, 0747 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
13369 kHz, 14-08, 0748 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
18177 kHz, 14-08, 0810 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
11153 kHz, 14-08, 0811 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
21824 kHz, 15-08, 0721 UTC, Serdolik v2	Russian diplo
21824 kHz, 15-08, 0725 UTC, Serdolik v2	Russian diplo
21824 kHz, 15-08, 0729 UTC, Serdolik v2	Russian diplo
21824 kHz, 15-08, 0732 UTC, Serdolik v2	Russian diplo
21825 kHz, 15-08, 0732 UTC, MFSK-6	MFA Moscow clg 314265: Russian embassy Antananarivo
19405 kHz, 15-08, 0745 UTC, MFSK-6	MFA Moscow clg 352416: Russian embassy Dar es Salaam
19858 kHz, 15-08, 0801 UTC, MFSK-6	MFA Moscow clg 231654: Russian embassy Abuja
20844 kHz, 15-08, 0932 UTC, MFSK-66	Russian diplo
20837 kHz, 15-08, 0944 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
20627 kHz, 15-08, 1329 UTC, MFSK-6	MFA Moscow clg 436512: Russian embassy Harare
13491 kHz, 18-08, 0650 UTC, MFSK-66	Russian diplo
12130 kHz, 18-08, 0656 UTC, MFSK-6	MFA Moscow clg 452163: Russian embassy Kabul
13520 kHz, 19-08, 0735 UTC, MFSK-66	Russian diplo
12152 kHz, 19-08, 0736 UTC, MFSK-6	MFA Moscow clg 432516: Russian embassy Bern
12148 kHz, 19-08, 0746 UTC, MFSK-66	Russian diplo
23355 kHz, 19-08, 0925 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
16115 kHz, 21-08, 1117 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
13979 kHz, 21-08, 1126 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
14650 kHz, 21-08, 1131 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
16115 kHz, 21-08, 1136 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
12207 kHz, 21-08, 1145 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
9102 kHz, 21-08, 1531 UTC, Serdolik v2	Russian diplo
13548 kHz, 21-08, 1548 UTC, MFSK-6	MFA Moscow clg 214356: Russian embassy Amman
12184 kHz, 21-08, 1548 UTC, Serdolik v2	Russian diplo. Selcal
17433 kHz, 23-08, 1031 UTC, MFSK-66	Russian diplo
16060 kHz, 25-08, 1125 UTC, MFSK-6	MFA Moscow clg 261453: Russian embassy Cairo
17466 kHz, 26-08, 0838 UTC, Serdolik v2	Russian diplo
16117 kHz, 26-08, 0941 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
17523 kHz, 27-08, 0810 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
20805 kHz, 27-08, 1008 UTC, Serdolik v2	Russian diplo. Selcal
13510 kHz, 27-08, 1017 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
20815 kHz, 27-08, 1018 UTC, Serdolik v2	Russian diplo
20813 kHz, 27-08, 1023 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
20815 kHz, 27-08, 1027 UTC, Serdolik v2	Russian diplo
14656 kHz, 28-08, 1202 UTC, Serdolik v2	Russian diplo
17476 kHz, 28-08, 1208 UTC, Serdolik v2	Russian diplo

UTILITY ROUND-UP

8365 kHz, 28-08, 1735 UTC New buzzer

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

15016 kHz, 16-08, 2203 UTC Wimberly 30 chr EAM BQ4CP6 EG3YFINNY4QDP6BCBGWRWZCE

LOGS SECTION

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	28-8	1735	8365	Wed	New buzzer	USB	(AB)
BUL	2-8	0828	14755	Fri	Bulgarian diplo	RFSM	(AB)
BUL	2-8	1025	18515	Fri	Bulgarian diplo	RFSM	(AB)
BUL	13-8	1025	18515	Tue	Bulgarian diplo	RFSM	(AB)
BUL	20-8	1026	18515	Tue	Bulgarian diplo	RFSM	(AB)
BUL	21-8	1028	18515	Wed	Bulgarian diplo	RFSM	(AB)
BUL	22-8	1023	18515	Thu	Bulgarian diplo	RFSM	(AB)
BUL	23-8	0828	14754	Fri	Bulgarian diplo	RFSM	(AB)
BUL	23-8	1027	18515	Fri	Bulgarian diplo	RFSM	(AB)
BUL	26-8	1027	18515	Mon	Bulgarian diplo	RFSM	(AB)
BUL	26-8	1226	17440	Mon	Bulgarian diplo	RFSM	(AB)
BUL	26-8	1256	18455	Mon	Bulgarian diplo	RFSM	(AB)
BUL	27-8	0829	14755	Tue	Bulgarian diplo	RFSM	(AB)
BUL	27-8	0856	18455	Tue	Bulgarian diplo	RFSM	(AB)
BUL	27-8	1027	18515	Tue	Bulgarian diplo	RFSM	(AB)
BUL	27-8	1225	17440	Tue	Bulgarian diplo	RFSM	(AB)
BUL	28-8	1026	18515	Wed	Bulgarian diplo	RFSM	(AB)
BUL	28-8	1223	17440	Wed	Bulgarian diplo	RFSM	(AB)
BUL	28-8	1258	18455	Wed	Bulgarian diplo	RFSM	(AB)
BUL	29-8	0825	14755	Thu	Bulgarian diplo	RFSM	(AB)
BUL	29-8	1029	18515	Thu	Bulgarian diplo	RFSM	(AB)
BUL	29-8	1222	17440	Thu	Bulgarian diplo	RFSM	(AB)
BUL	29-8	1257	18455	Thu	Bulgarian diplo	RFSM	(AB)
DPRK	9-8	0702	15555	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	9-8	0702	18030	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	16-8	0635	16252	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	16-8	0710	16250	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	16-8	0712	13555	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	1-8	0500	13540	Thu	210 468 53 23467 56966 27868 ... 19960 64519 32611 468 53 00000	USB	(AB)
E06	1-8	0600	16116	Thu	210 468 53 23467 56966 27868 ... 19960 64519 32611 468 53 00000	USB	(AB)
E06	2-8	0500	13540	Fri	210 468 53 23467 56966 27868 ... 19960 64519 32611 468 53 00000	USB	(AB)
E06	2-8	0600	16116	Fri	210 468 53 23467 56966 27868 ... 19960 64519 32611 468 53 00000	USB	(AB)
E06	15-8	0500	13540	Thu	210 938 54 02606 85938 05185 ... 41661 82115 12033 938 54 00000	USB	(AB/HFD/Lac)
E06	15-8	0600	16115	Thu	210 938 54 02606 85938 05185 ... 41661 82115 12033 938 54 00000	USB	(AB/HFD/Lac)
E06	16-8	0500	13540	Fri	210 938 54 02606 85938 05185 ... 41661 82115 12033 938 54 00000	USB	(AB)
E06	16-8	0600	16115	Fri	210 938 54 02606 85938 05185 ... 41661 82115 12033 938 54 00000	USB	(AB)
E07	1-8	1410	13519	Thu	288 288 288 1 397 107 397 107 89896 61903 21245 ... 02779 35611 84159 000 000	USB	(AB/HFD/Lac)
E07	1-8	1430	14819	Thu	288 288 288 1 397 107 397 107 89896 61903 21245 ... 02779 35611 84159 000 000	USB	(AB/HFD/Lac)

E07	1-8	1450	15919	Thu	288 288 288 1 397 107 397 107 89896 61903 21245 ... 02779 35611 84159 000 000	USB	(AB/HFD/Lac)
E07	2-8	1500	17453	Fri	432 432 432 000	USB	(AB/HFD)
E07	2-8	1520	18353	Fri	432 432 432 000	USB	(AB/HFD)
E07	3-8	1410	13519	Sat	288 288 288 1 397 107 397 107 89896 61903 21245 ... 02779 35611 84159 000 000	USB	(AB)
E07	3-8	1430	14819	Sat	288 288 288 1 397 107 397 107 89896 61903 21245 ... 02779 35611 84159 000 000	USB	(AB)
E07	3-8	1450	15919	Sat	288 288 288 1 397 107 397 107 89896 61903 21245 ... 02779 35611 84159 000 000	USB	(AB)
E07	6-8	1500	17453	Tue	432 432 432 1 464 128 464 128 24157 13662 94436 ... 75122 97981 96074 000 000	USB	(AB/Lac)
E07	6-8	1520	18353	Tue	432 432 432 1 464 128 464 128 24157 13662 94436 ... 75122 97981 96074 000 000	USB	(AB)
E07	6-8	1540	19253	Tue	432 432 432 1 464 128 464 128 24157 13662 94436 ... 75122 97981 96074 000 000	USB	(AB)
E07	8-8	1410	13519	Thu	288 288 288 000	USB	(AB)
E07	8-8	1430	14819	Thu	288 288 288 000	USB	(AB)
E07	9-8	1500	17453	Fri	432 432 432 1 464 128 464 128 24157 13662 94436 ... 75122 97981 96074 000 000	USB	(AB)
E07	9-8	1520	18353	Fri	432 432 432 1 464 128 464 128 24157 13662 94436 ... 75122 97981 96074 000 000	USB	(AB)
E07	9-8	1540	19253	Fri	432 432 432 1 464 128 464 128 24157 13662 94436 ... 75122 97981 96074 000 000	USB	(AB)
E07	10-8	1410	13519	Sat	288 288 288 000	USB	(AB)
E07	10-8	1430	14819	Sat	288 288 288 000	USB	(AB)
E07	13-8	1500	17453	Tue	432 432 432 000	USB	(AB/Lac)
E07	13-8	1520	18353	Tue	432 432 432 000	USB	(AB)
E07	15-8	1410	13519	Thu	288 288 288 1 2148 92 2148 92 28819 23012 40600 ... 52560 37807 83104 000 000	USB	(AB/Lac)
E07	15-8	1430	14819	Thu	288 288 288 1 2148 92 2148 92 28819 23012 40600 ... 52560 37807 83104 000 000	USB	(AB/Lac)
E07	15-8	1450	15919	Thu	288 288 288 1 2148 92 2148 92 28819 23012 40600 ... 52560 37807 83104 000 000	USB	(AB/Lac)
E07	16-8	1500	17453	Fri	432 432 432 000	USB	(AB)
E07	16-8	1520	18353	Fri	432 432 432 000	USB	(AB)
E07	17-8	1410	13519	Sat	288 288 288 1 2148 92 2148 92 28819 23012 40600 ... 52560 37807 83104 000 000	USB	(AB)
E07	17-8	1430	14819	Sat	288 288 288 1 2148 92 2148 92 28819 23012 40600 ... 52560 37807 83104 000 000	USB	(AB)
E07	17-8	1450	15919	Sat	288 288 288 1 2148 92 2148 92 28819 23012 40600 ... 52560 37807 83104 000 000	USB	(AB)
E07	20-8	1500	17453	Tue	432 432 432 1 5120 144 5120 144 60485 71832 54160 ... 31296 25937 86872 000 000	USB	(AB/Lac)
E07	20-8	1520	18353	Tue	432 432 432 1 5120 144 5120 144 60485 71832 54160 ... 31296 25937 86872 000 000	USB	(AB/Lac)
E07	20-8	1540	19253	Tue	432 432 432 1 5120 144 5120 144 60485 71832 54160 ... 31296 25937 86872 000 000	USB	(AB/Lac)
E07	22-8	1410	13519	Thu	288 288 288 000	USB	(AB-RUS)
E07	22-8	1430	14819	Thu	288 288 288 000	USB	(AB-RUS)
E07	23-8	1500	17453	Fri	432 432 432 1 5120 144 5120 144 60485 71832 54160 ... 31296 25937 86872 000 000	USB	(AB)
E07	23-8	1520	18353	Fri	432 432 432 1 5120 144 5120 144 60485 71832 54160 ... 31296 25937 86872 000 000	USB	(AB)
E07	23-8	1540	19253	Fri	432 432 432 1 5120 144 5120 144 60485 71832 54160 ... 31296 25937 86872 000 000	USB	(AB)
E07	24-8	1410	13519	Sat	288 288 288 000	USB	(AB)
E07	24-8	1430	14819	Sat	288 288 288 000	USB	(AB/Lac)
E07	27-8	1500	17453	Tue	432 432 432 000	USB	(AB/Lac)
E07	27-8	1520	18353	Tue	432 432 432 000	USB	(AB)
E07	29-8	1410	13519	Thu	288 288 288 1 9317 111 9317 111 15723 99265 ... 88486 51905 34908 000 000	USB	(AB/Lac)
E07	29-8	1430	14819	Thu	288 288 288 1 9317 111 9317 111 15723 99265 ... 88486 51905 34908 000 000	USB	(AB)
E07	29-8	1450	15919	Thu	288 288 288 1 9317 111 9317 111 15723 99265 ... 88486 51905 34908 000 000	USB	(AB)
E07	30-8	1500	17453	Fri	432 432 432 000	USB	(AB)

E07	30-8	1520	18353	Fri	432 432 432 000	USB	(AB)
E07	31-8	1410	13519	Sat	288 288 288 1 9317 111 9317 111 15723 99265 ... 88486 51905 34908 000 000	USB	(AB)
E07	31-8	1430	14819	Sat	288 288 288 1 9317 111 9317 111 15723 99265 ... 88486 51905 34908 000 000	USB	(AB)
E07	31-8	1450	15919	Sat	288 288 288 1 9317 111 9317 111 15723 99265 ... 88486 51905 34908 000 000	USB	(AB)
E11	1-8	0845	19184	Thu	151/00 Out	USB	(AB)
E11	1-8	0930	6923	Thu	271/00 Out	USB	(AB)
E11	1-8	1300	5737	Thu	319/00 Out	USB	(AB)
E11	1-8	1530	10356	Thu	Test tone at 1520z. No transmission	USB	(AB)
E11	1-8	1900	7600	Thu	640/00 Out	USB	(AB)
E11	1-8	2000	5409	Thu	520/00 Out	USB	(AB)
E11	2-8	0600	9150	Fri	351/00 Out	USB	(AB)
E11	2-8	0715	12530	Fri	635/00 Out	USB	(AB)
E11	2-8	0745	15720	Fri	344/00 Out	USB	(AB)
E11	2-8	0830	16335	Fri	183/00 Out	USB	(AB)
E11	2-8	1000	12153	Fri	309/00 Out	USB	(AB)
E11	2-8	1715	7863	Fri	976/00 Out	USB	(AB)
E11	2-8	1815	12229	Fri	925/00 Out	USB	(AB)
E11	2-8	1910	9610	Fri	613/00 Out	USB	(AB)
E11	3-8	0700	7377	Sat	498/00 Out	USB	(AB)
E11	3-8	1430	12984	Sat	919/00 Out	USB	(AB)
E11	3-8	1610	4783	Sat	394/00 Out	USB	(AB)
E11	3-8	1645	5082	Sat	367/00 Out	USB	(AB)
E11	4-8	0700	7377	Sun	496/00 Out	USB	(AB)
E11	4-8	1605	5231	Sun	233/00 Out	USB	(AB)
E11	4-8	1645	5082	Sun	363/00 Out	USB	(AB)
E11	4-8	1745	14410	Sun	242/00 Out	USB	(AB-POL)
E11	4-8	1815	12229	Sun	920/00 Out	USB	(AB)
E11	4-8	1910	9610	Sun	617/00 Out	USB	(AB)
E11	4-8	2000	5409	Sun	520/00 Out	USB	(AB)
E11	5-8	0315	16125	Mon	259/00 Out	USB	(AB)
E11	5-8	0600	20170	Mon	940/00 Out	USB	(AB-CYP)
E11	5-8	0745	9610	Mon	260/00 Out	USB	(AB)
E11	5-8	0845	12815	Mon	716/00 Out	USB	(AB)
E11	5-8	0900	11116	Mon	538/00 Out	USB	(AB)
E11	5-8	1045	10210	Mon	693/00 Out	USB	(AB)
E11	5-8	1300	5737	Mon	310/00 Out	USB	(AB-POL)
E11	5-8	1900	7600	Mon	646/00 Out	USB	(AB)
E11	6-8	0715	12530	Tue	635/00 Out	USB	(AB/Lac)
E11	6-8	0745	14940	Tue	224/00 Out	USB	(AB)
E11	6-8	0820	17378	Tue	130/00 Out	USB	(AB)
E11	6-8	0845	19184	Tue	157/00 Out	USB	(AB)
E11	6-8	1000	12153	Tue	30?/00 Out (too weak to copy)	USB	(AB)

E11	6-8	1205	8274	Tue	464/00 Out	USB	(AB)
E11	7-8	0315	16125	Wed	252/00 Out	USB	(TM)
E11	7-8	0600	20170	Wed	942/00 Out	USB	(AB/Lac)
E11	7-8	0745	15720	Wed	343/00 Out	USB	(AB)
E11	7-8	0820	17378	Wed	133/00 Out	USB	(AB/Lac)
E11	7-8	0845	12815	Wed	714/00 Out	USB	(AB)
E11	7-8	0900	11116	Wed	538/00 Out	USB	(AB/Lac)
E11	7-8	0930	6923	Wed	277/00 Out	USB	(AB/Lac)
E11	7-8	1045	10210	Wed	693/00 Out	USB	(AB)
E11	7-8	1205	8274	Wed	461/00 Out	USB	(AB)
E11	7-8	1610	4783	Wed	399/00 Out	USB	(AB)
E11	7-8	1715	7863	Wed	974/00 Out	USB	(AB/Lac)
E11	8-8	0745	14940	Thu	221/00 Out	USB	(AB)
E11	8-8	0820	6252	Thu	432/00 Out	USB	(AB-POL)
E11	8-8	0846	19184	Thu	Briefly P03, then 150/00 Out. Late start	USB	(AB-POL)
E11	8-8	0930	6923	Thu	277/00 Out	USB	(AB)
E11	8-8	1300	5737	Thu	316/00 Out	USB	(AB)
E11	8-8	1530	10356	Thu	261/00 Out	USB	(AB)
E11	8-8	1900	7600	Thu	641/00 Out	USB	(AB)
E11	8-8	2000	5409	Thu	522/00 Out	USB	(AB)
E11	9-8	0600	9150	Fri	Test tone. Nothing else heard	USB	(AB)
E11	9-8	0715	12530	Fri	637/00 Out	USB	(AB)
E11	9-8	0745	15720	Fri	346/00 Out	USB	(AB)
E11	9-8	0820	6252	Fri	430/00 Out	USB	(AB-POL)
E11	9-8	1000	12153	Fri	307/00 Out	USB	(AB)
E11	9-8	1715	7863	Fri	976/00 Out	USB	(AB)
E11	9-8	1815	12229	Fri	926/00 Out	USB	(AB)
E11	9-8	1910	9610	Fri	617/00 Out	USB	(AB)
E11	10-8	0700	7377	Sat	496/00 Out	USB	(AB)
E11	10-8	1610	4783	Sat	391/00 Out	USB	(AB-POL)
E11	10-8	1645	5082	Sat	364/00 Out	USB	(AB)
E11	11-8	0600	9150	Sun	355/00 Out	USB	(AB)
E11	11-8	0700	7377	Sun	498/00 Out	USB	(AB)
E11	11-8	1645	5082	Sun	367/00 Out	USB	(AB)
E11	11-8	1815	12229	Sun	920/00 Out	USB	(AB)
E11	11-8	1910	9610	Sun	611/00 Out	USB	(AB)
E11	11-8	2000	5409	Sun	525/00 Out	USB	(AB)
E11	12-8	0315	16125	Mon	Active but too weak to copy	USB	(AB)
E11	12-8	0450	7469	Mon	416/00 Out	USB	(AB)
E11	12-8	0600	20170	Mon	949/00 Out	USB	(AB-CYP)
E11	12-8	0715	15915	Mon	752/00 Out	USB	(AB-POL/Lac)
E11	12-8	0745	9610	Mon	261/00 Out	USB	(AB)

E11	12-8	0830	16335	Mon	183/00 Out	USB	(AB)
E11	12-8	0900	11116	Mon	537/00 Out	USB	(AB)
E11	12-8	1300	5737	Mon	315/00 Out	USB	(AB-POL/Lac)
E11	12-8	1745	14410	Mon	244/00 Out	USB	(AB-POL)
E11	12-8	1900	7600	Mon	644/00 Out	USB	(AB/Lac)
E11	13-8	0645	8091	Tue	514/00 Out	USB	(AB/Lac)
E11	13-8	0700	8680	Tue	574/00 Out	USB	(AB)
E11	13-8	0715	12530	Tue	635/00 Out	USB	(AB/Lac)
E11	13-8	0745	14940	Tue	227/00 Out	USB	(AB-POL)
E11	13-8	0845	19184	Tue	156/00 Out	USB	(AB)
E11	13-8	1000	12153	Tue	300/00 Out	USB	(AB)
E11	13-8	1430	12984	Tue	910/00 Out	USB	(AB/Lac)
E11	13-8	1605	5231	Tue	237/00 Out	USB	(AB-POL)
E11	13-8	1645	14575	Tue	334/00 Out	USB	(AB)
E11	14-8	0715	15915	Wed	753/00 Out	USB	(AB/Lac)
E11	14-8	0745	15720	Wed	348/00 Out	USB	(AB)
E11	14-8	0930	6923	Wed	278/00 Out	USB	(AB)
E11	14-8	1610	4783	Wed	396/00 Out	USB	(AB)
E11	14-8	1715	7863	Wed	972/00 Out	USB	(AB)
E11	15-8	0645	8091	Thu	517/00 Out	USB	(AB/Lac)
E11	15-8	0745	14940	Thu	229/00 Out	USB	(AB/Lac)
E11	15-8	0820	6252	Thu	439/00 Out	USB	(AB-POL)
E11	15-8	0845	19184	Thu	155/00 Out	USB	(AB-POL)
E11	15-8	0930	6923	Thu	275/00 Out	USB	(AB)
E11	15-8	1300	5737	Thu	313/00 Out	USB	(AB)
E11	15-8	1530	10356	Thu	262/00 Out	USB	(AB)
E11	15-8	1645	14575	Thu	330/00 Out	USB	(AB)
E11	15-8	1730	8088	Thu	410/00 Out	USB	(AB)
E11	15-8	1900	7600	Thu	644/00 Out	USB	(AB/Lac)
E11	15-8	2000	5409	Thu	520/00 Out	USB	(AB/Lac)
E11	16-8	0700	8680	Fri	573/00 Out	USB	(AB)
E11	16-8	0715	12530	Fri	633/00 Out	USB	(AB)
E11	16-8	0745	15720	Fri	342/00 Out	USB	(AB/Lac)
E11	16-8	0820	6252	Fri	430/00 Out	USB	(AB-POL)
E11	16-8	0830	16335	Fri	180/00 Out	USB	(AB/Lac)
E11	16-8	1000	12153	Fri	309/00 Out	USB	(AB)
E11	16-8	1715	7863	Fri	976/00 Out	USB	(AB)
E11	17-8	1430	12984	Sat	911/00 Out	USB	(AB)
E11	17-8	1610	4783	Sat	393/00 Out	USB	(AB-POL)
E11	18-8	1605	5231	Sun	238/00 Out	USB	(AB)
E11	18-8	1745	14410	Sun	246/00 Out	USB	(AB-POL)
E11	18-8	2000	5409	Sun	521/00 Out	USB	(AB)

E11	19-8	0315	16125	Mon	259/00 Out	USB	(TM)
E11	19-8	0450	7469	Mon	416/00 Out	USB	(AB)
E11	19-8	0600	20170	Mon	945/00 Out	USB	(AB-CYP)
E11	19-8	0715	15915	Mon	755/00 Out	USB	(AB-POL)
E11	19-8	0830	16335	Mon	180/00 Out	USB	(AB)
E11	19-8	0845	12815	Mon	714/00 Out	USB	(AB)
E11	19-8	0900	11116	Mon	537/00 Out	USB	(AB)
E11	19-8	1045	10210	Mon	692/00 Out	USB	(AB)
E11	19-8	1745	14410	Mon	240/00 Out	USB	(AB-POL)
E11	20-8	0645	8091	Tue	514/00 Out	USB	(AB/Lac)
E11	20-8	0700	8680	Tue	571/00 Out	USB	(AB/Lac)
E11	20-8	0745	14940	Tue	228/00 Out	USB	(AB-POL/Lac)
E11	20-8	0820	17378	Tue	138/00 Out	USB	(AB-POL)
E11	20-8	0845	19184	Tue	152/00 Out	USB	(AB)
E11	20-8	1000	12153	Tue	309/00 Out	USB	(AB)
E11	20-8	1205	8274	Tue	469/00 Out	USB	(AB)
E11	20-8	1430	12984	Tue	915/00 Out	USB	(AB/Lac)
E11	20-8	1605	5231	Tue	233/00 Out	USB	(AB-POL)
E11	20-8	1645	14575	Tue	334/00 Out	USB	(AB)
E11	21-8	0315	16125	Wed	Active but too weak to copy	USB	(TM)
E11	21-8	0600	20170	Wed	940/00 Out	USB	(AB-POL)
E11	21-8	0715	15915	Wed	755/00 Out	USB	(AB)
E11	21-8	0745	15720	Wed	344/00 Out	USB	(AB)
E11	21-8	0820	17378	Wed	135/00 Out	USB	(AB)
E11	21-8	0845	12815	Wed	715/00 Out	USB	(AB)
E11	21-8	0900	11116	Wed	536/00 Out	USB	(AB)
E11	21-8	1045	10210	Wed	693/00 Out	USB	(AB)
E11	21-8	1205	8274	Wed	465/00 Out	USB	(AB)
E11	21-8	1715	7863	Wed	970/00 Out	USB	(AB)
E11	22-8	0645	8091	Thu	515/00 Out	USB	(AB)
E11	22-8	0745	14940	Thu	225/00 Out	USB	(AB/Lac)
E11	22-8	0820	6252	Thu	432/00 Out	USB	(AB-POL)
E11	22-8	0845	19184	Thu	156/00 Out	USB	(AB-POL)
E11	22-8	1645	14575	Thu	332/00 Out	USB	(AB)
E11	22-8	1730	8088	Thu	413/00 Out	USB	(AB)
E11	23-8	0600	9150	Fri	351/00 Out	USB	(AB)
E11	23-8	0700	8680	Fri	570/00 Out	USB	(AB/Lac)
E11	23-8	0745	15720	Fri	342/00 Out	USB	(AB/Lac)
E11	23-8	0820	6252	Fri	435/00 Out	USB	(AB-POL/Lac)
E11	23-8	0830	16335	Fri	188/00 Out	USB	(AB)
E11	23-8	1000	12153	Fri	305/00 Out	USB	(AB)
E11	23-8	1715	7863	Fri	976/00 Out	USB	(AB)

E11	23-8	1815	12229	Fri	920/00 Out	USB	(AB)
E11	23-8	1910	9610	Fri	618/00 Out	USB	(AB)
E11	24-8	0700	7377	Sat	498/00 Out	USB	(AB)
E11	24-8	1430	12984	Sat	915/00 Out	USB	(AB)
E11	24-8	1645	5082	Sat	360/00 Out	USB	(AB)
E11	25-8	0600	9150	Sun	355/00 Out	USB	(AB)
E11	25-8	0700	7377	Sun	496/00 Out	USB	(AB)
E11	25-8	1605	5231	Sun	232/00 Out	USB	(AB)
E11	25-8	1645	5082	Sun	363/00 Out	USB	(AB)
E11	25-8	1745	14410	Sun	245/00 Out	USB	(AB-D)
E11	25-8	1910	9610	Sun	617/00 Out	USB	(AB)
E11	26-8	0315	16125	Mon	251/00 Out	USB	(TM)
E11	26-8	0450	7469	Mon	418/00 Out	USB	(AB)
E11	26-8	0715	15915	Mon	753/00 Out	USB	(AB-POL/Lac)
E11	26-8	0745	9610	Mon	262/00 Out	USB	(AB/Lac)
E11	26-8	0830	16335	Mon	183/00 Out	USB	(AB/Lac)
E11	26-8	0845	12815	Mon	713/00 Out	USB	(AB/Lac)
E11	26-8	0900	11116	Mon	536/00 Out	USB	(AB/Lac)
E11	26-8	1045	10210	Mon	691/00 Out	USB	(AB/Lac)
E11	26-8	1300	5737	Mon	319/00 Out	USB	(AB/Lac)
E11	26-8	1745	14410	Mon	248/00 Out	USB	(AB-POL)
E11	26-8	1900	7600	Mon	644/00 Out	USB	(AB)
E11	27-8	0645	8091	Tue	519/00 Out	USB	(AB/Lac)
E11	27-8	0700	8680	Tue	570/00 Out	USB	(AB/Lac)
E11	27-8	0715	12530	Tue	637/00 Out	USB	(AB)
E11	27-8	0820	17378	Tue	136/00 Out	USB	(AB)
E11	27-8	1205	8274	Tue	465/00 Out	USB	(AB)
E11	27-8	1430	12984	Tue	918/00 Out	USB	(AB/Lac)
E11	27-8	1605	5231	Tue	231/00 Out	USB	(AB)
E11	27-8	1645	14575	Tue	338/00 Out	USB	(AB)
E11	28-8	0715	15915	Wed	757/00 Out	USB	(AB)
E11	28-8	0845	12815	Wed	713/00 Out	USB	(AB-POL)
E11	28-8	0900	11116	Wed	530/00 Out	USB	(AB)
E11	28-8	0930	6923	Wed	270/00 Out	USB	(AB)
E11	28-8	1045	10210	Wed	692/00 Out	USB	(AB)
E11	28-8	1205	8274	Wed	461/00 Out	USB	(AB)
E11	28-8	1610	4783	Wed	394/00 Out	USB	(AB)
E11	29-8	0645	8091	Thu	514/00 Out	USB	(AB/Lac)
E11	29-8	0820	6252	Thu	432/00 Out	USB	(AB-POL)
E11	29-8	0930	6923	Thu	270/00 Out	USB	(AB)
E11	29-8	1300	5737	Thu	313/00 Out	USB	(AB)
E11	29-8	1530	10356	Thu	262/00 Out	USB	(AB)

E11	29-8	1645	14575	Thu	332/00 Out	USB	(AB)
E11	29-8	1730	8088	Thu	411/00 Out	USB	(AB)
E11	29-8	1900	7600	Thu	649/00 Out	USB	(AB)
E11	29-8	2000	5409	Thu	528/00 Out	USB	(AB)
E11	30-8	0600	9150	Fri	350/00 Out	USB	(AB)
E11	30-8	0700	8680	Fri	579/00 Out	USB	(AB/Lac)
E11	30-8	0715	12530	Fri	631/00 Out	USB	(AB)
E11	30-8	0820	6252	Fri	432/00 Out	USB	(AB-POL)
E11	30-8	0830	16335	Fri	181/00 Out	USB	(AB)
E11	30-8	1815	12229	Fri	926/00 Out	USB	(AB)
E11	30-8	1910	9610	Fri	610/00 Out	USB	(AB)
E11	31-8	0700	7377	Sat	490/00 Out	USB	(AB)
E11	31-8	1430	12984	Sat	912/00 Out	USB	(AB)
E11	31-8	1610	4783	Sat	399/00 Out	USB	(AB/Lac)
E11	31-8	1645	5082	Sat	366/00 Out	USB	(AB/Lac)
E111	25-8	1815	12229	Sun	929/00 Out	USB	(AB)
E11a	1-8	0820	6252	Thu	435/33 Attention 91926 39209 51354 ... 21383 41611 11073 Attention (msg rpts) Out	USB	(AB-POL)
E11a	2-8	0820	6252	Fri	435/33 Attention 91926 39209 51354 ... 21383 41611 11073 Attention (msg rpts) Out	USB	(AB-POL)
E11a	5-8	0450	7469	Mon	414/34 Attention 01883 23542 41581 ... 76323 79587 75235 Attention (msg rpts) Out	USB	(AB)
E11a	5-8	0715	15915	Mon	751/37 Attention 28029 82535 90686 ... 22004 76942 70963 Attention (msg rpts) Out	USB	(AB)
E11a	5-8	0830	16335	Mon	183/39 Attention 79448 51112 62196 ... 12599 17932 48863 Attention (msg rpts) Out	USB	(AB)
E11a	5-8	1745	14410	Mon	244/31 Attention 14521 85124 04118 ... 19456 59398 41257 Attention (msg rpts) Out	USB	(AB)
E11a	6-8	0645	8091	Tue	514/35 Attention 05504 81762 19774 ... 58656 14168 58260 Attention (msg rpts) Out	USB	(AB)
E11a	6-8	0700	8680	Tue	574/38 Attention 61387 40039 82337 ... 28149 95102 80785 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	6-8	1430	12984	Tue	912/34 Attention 77371 80014 06401 ... 72625 89264 02814 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	6-8	1605	5231	Tue	230/32 Attention 77361 84608 58830 ... 41126 94066 83251 Attention (msg rpts) Out	USB	(AB)
E11a	6-8	1645	14575	Tue	330/32 Attention 79918 83217 69597 ... 81164 39481 58660 Attention (msg rpts) Out	USB	(AB)
E11a	7-8	0715	15915	Wed	751/37 Attention 28029 82535 90686 ... 22004 76942 70963 Attention (msg rpts) Out	USB	(AB)
E11a	8-8	0645	8091	Thu	514/35 Attention 05504 81762 19774 ... 58656 14168 58260 Attention (msg rpts) Out	USB	(AB)
E11a	8-8	1645	14575	Thu	330/32 Attention 79918 83217 69597 ... 81164 39481 58660 Attention (msg rpts) Out	USB	(AB)
E11a	8-8	1730	8088	Thu	414/34 Attention 01883 23542 41581 ... 76323 79587 75235 Attention (msg rpts) Out	USB	(AB)
E11a	9-8	0700	8680	Fri	574/38 Attention 61387 40039 82337 ... 28149 95102 80785 Attention (msg rpts) Out	USB	(AB)
E11a	9-8	0830	16335	Fri	183/39 Attention 79448 51112 62196 ... 12599 17932 48863 Attention (msg rpts) Out	USB	(AB)
E11a	10-8	1430	12984	Sat	912/34 Attention 77371 80014 06401 ... 72625 89264 02814 Attention (msg rpts) Out	USB	(AB)
E11a	11-8	1605	5231	Sun	230/32 Attention 77361 84608 58830 ... 41126 94066 83251 Attention (msg rpts) Out	USB	(AB)
E11a	11-8	1745	14410	Sun	244/31 Attention 14521 85124 04118 ... 19456 59398 41257 Attention (msg rpts) Out	USB	(AB-POL/Lac)
E11a	12-8	0845	12815	Mon	715/32 Attention 42466 32742 12798 ... 31640 03574 60217 Attention (msg rpts) Out	USB	(AB)
E11a	12-8	1045	10210	Mon	696/32 Attention 58653 57972 66390 ... 19185 25886 98947 Attention (msg rpts) Out	USB	(AB)
E11a	13-8	0820	17378	Tue	132/44 Attention 35178 49348 91749 ... 48850 78712 50839 Attention (msg rpts) Out	USB	(AB-POL)
E11a	13-8	1205	8274	Tue	462/36 Attention 40359 51522 38969 ... 41230 87822 68569 Attention (msg rpts) Out	USB	(AB)
E11a	14-8	0315	16125	Wed	253/35 Attention ... (too weak to copy)	USB	(TM)
E11a	14-8	0820	17378	Wed	132/44 Attention 35178 49348 91749 ... 48850 78712 50839 Attention (msg rpts) Out	USB	(AB)

E11a	14-8	0845	12815	Wed	715/32 Attention 42466 32742 12798 ... 31640 03574 60217 Attention (msg rpts) Out	USB	(AB)
E11a	14-8	0900	11116	Wed	537/35 Attention (too weak to copy)	USB	(AB)
E11a	14-8	1045	10210	Wed	696/32 Attention 58653 57972 66390 ... 19185 25886 98947 Attention (msg rpts) Out	USB	(AB)
E11a	14-8	1205	8274	Wed	462/36 Attention 40359 51522 38969 ... 41230 87822 68569 Attention (msg rpts) Out	USB	(AB)
E11a	16-8	0600	9150	Fri	355/37 Attention 53131 01929 97741 ... 88493 46200 53290 Attention (msg rpts) Out	USB	(AB)
E11a	16-8	1815	12229	Fri	929/33 Attention 46141 50910 50655 ... 57472 91128 01340 Attention (msg rpts) Out	USB	(AB)
E11a	16-8	1910	9610	Fri	617/39 Attention 95579 70127 66004 ... 65362 74546 27564 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	17-8	0700	7377	Sat	497/33 Attention 16467 21527 94186 ... 23115 32172 05927 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	17-8	1645	5082	Sat	363/36 Attention 86946 22670 82886 ... 48750 41129 15301 Attention (msg rpts) Out	USB	(AB)
E11a	18-8	0600	9150	Sun	355/37 Attention 53131 01929 97741 ... 88493 46200 53290 Attention (msg rpts) Out	USB	(AB)
E11a	18-8	0700	7377	Sun	497/33 Attention 16467 21527 94186 ... 23115 32172 05927 Attention (msg rpts) Out	USB	(AB)
E11a	18-8	1645	5082	Sun	363/36 Attention 86946 22670 82886 ... 48750 41129 15301 Attention (msg rpts) Out	USB	(AB)
E11a	18-8	1815	12229	Sun	929/33 Attention 46141 50910 50655 ... 57472 91128 01340 Attention (msg rpts) Out	USB	(AB)
E11a	18-8	1910	9610	Sun	617/39 Attention 95579 70127 66004 ... 65362 74546 27564 Attention (msg rpts) Out	USB	(AB)
E11a	19-8	0745	9610	Mon	269/36 Attention 64403 96571 29263 ... 69940 18449 63326 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	19-8	1900	7600	Mon	646/32 Attention 11810 13371 76076 ... 55958 58125 71193 Attention (msg rpts) Out	USB	(AB)
E11a	20-8	0715	12530	Tue	635/34 Attention 45336 08736 79089 ... 77148 91261 83442 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	21-8	0745	15720	Wed	Message, too weak to copy	USB	(AB)
E11a	21-8	0930	6923	Wed	271/38 Attention 31079 22481 23283 ... 65359 58693 23285 Attention (msg rpts) Out	USB	(AB)
E11a	21-8	1610	4783	Wed	392/40 Attention 76310 13892 25040 ... 96552 29729 02982 Attention (msg rpts) Out	USB	(AB)
E11a	22-8	0930	6923	Thu	271/38 Attention 31079 22481 23283 ... 65359 58693 23285 Attention (msg rpts) Out	USB	(AB)
E11a	22-8	1300	5737	Thu	316/31 Attention 22327 40204 92191 ... 12163 76985 74150 Attention (msg rpts) Out	USB	(AB)
E11a	22-8	1530	10356	Thu	269/36 Attention 64403 96571 29263 ... 69940 18449 63326 Attention (msg rpts) Out	USB	(AB/PP1)
E11a	22-8	1900	7600	Thu	646/32 Attention 11810 13371 76076 ... 55958 58125 71193 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	22-8	2000	5409	Thu	522/37 Attention 44846 75835 79786 ... 25468 16233 04719 Attention (msg rpts) Out	USB	(AB)
E11a	23-8	0715	12530	Fri	635/34 Attention 45336 08736 79089 ... 77148 91261 83442 Attention (msg rpts) Out	USB	(AB)
E11a	24-8	1610	4783	Sat	392/40 Attention 76310 13892 25040 ... 96552 29729 02982 Attention (msg rpts) Out	USB	(AB-POL)
E11a	25-8	2000	5409	Sun	522/37 Attention 44846 75835 79786 ... 25468 16233 04719 Attention (msg rpts) Out	USB	(AB)
E11a	26-8	0600	20170	Mon	945/34 Attention 90543 46732 99274 ... 55043 34264 07305 Attention (msg rpts) Out	USB	(AB)
E11a	27-8	0745	14940	Tue	228/33 Attention 08137 40618 14514 ... 91359 81799 08289 Attention (msg rpts) Out	USB	(AB-POL)
E11a	27-8	0845	19184	Tue	155/34 Attention 86336 06729 18578 ... 03647 34680 95949 Attention (msg rpts) Out	USB	(AB)
E11a	27-8	1000	12153	Tue	302/25 Attention 18069 55813 04808 ... 01887 95485 83019 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	28-8	0600	20170	Wed	945/34 Attention 90543 46732 99274 ... 55043 34264 07305 Attention (msg rpts) Out	USB	(AB-POL)
E11a	28-8	0745	15720	Wed	347/36 Attention 00665 59042 64207 ... 12467 00703 79387 Attention (msg rpts) Out	USB	(AB-POL)
E11a	28-8	1715	7863	Wed	976/36 Attention 70614 06437 81467 ... 50757 54374 50229 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	29-8	0745	14940	Thu	228/33 Attention 08137 40618 14514 ... 91359 81799 08289 Attention (msg rpts) Out	USB	(AB/Lac)
E11a	29-8	0845	19184	Thu	155/34 Attention 86336 06729 18578 ... 03647 34680 95949 Attention (msg rpts) Out	USB	(AB-POL)
E11a	30-8	0745	15720	Fri	347/36 Attention 00665 59042 64207 ... 12467 00703 79387 Attention (msg rpts) Out	USB	(AB-POL)
E11a	30-8	1000	12153	Fri	302/25 Attention 18069 55813 04808 ... 01887 95485 83019 Attention (msg rpts) Out	USB	(AB)
E11a	30-8	1715	7863	Fri	976/36 Attention 70614 06437 81467 ... 50757 54374 50229 Attention (msg rpts) Out	USB	(AB)
EGY	1-8	1644	22856.7	Thu	MFA Cairo clg RCVB: Egyptian embassy Washington	SITOR-A 100/170	(PP1)
EGY	1-8	1645	22855	Thu	99903: MFA Cairo msg to 66601: Egyptian embassy Washington	CODAN chirp	(PP1)

EGY	15-8	1442	22056.7	Thu	MFA Cairo clg KKVE: Egyptian embassy Bamako	SITOR-A 100/170	(F1GOC)
EGY	23-8	1321	19806.7	Fri	99901: MFA Cairo clg 44405: Egyptian embassy Islamabad	CODAN 3012 chirp	(RoHa)
EGY	23-8	1704	19806.7	Fri	MFA Cairo long message	SITOR-A 100/170	(PP1)
EGY	23-8	1808	19806.7	Fri	MFA Cairo long message to RCVB: Egyptian embassy Washington + CODAN chirp call from 99903 (Cairo) to 66601 (Washington)	SITOR-A 100/170	(PP1)
F01	1-8	0230	13370	Thu	Message #81. Wrong 1000Hz shift	FSK 200/1000	(PY)
F01	1-8	0240	11538	Thu	Message #81. Wrong 1000Hz shift	FSK 200/1000	(PY)
F01	1-8	0250	10614	Thu	Message #81. Wrong 1000Hz shift	FSK 200/1000	(PY)
F01	1-8	1015	11076	Thu	Messages #13 and #14	FSK 200/500	(AB-RUS)
F01	1-8	1025	9164	Thu	Messages #13 and #14	FSK 200/500	(AB-S)
F01	1-8	1035	7316	Thu	Messages #13 and #14	FSK 200/500	(AB-S)
F01	2-8	0230	13370	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	2-8	1015	11076	Fri	00000 +++++	FSK 200/500	(AB-RUS)
F01	2-8	1025	9164	Fri	00000 +++++	FSK 200/500	(AB-S)
F01	2-8	1035	7316	Fri	00000 +++++	FSK 200/500	(AB-S)
F01	5-8	0250	10614	Mon	Messages #82 and #83	FSK 200/500	(PY)
F01	5-8	1015	11076	Mon	Message #15	FSK 200/500	(AB-RUS)
F01	5-8	1025	9164	Mon	Message #15	FSK 200/500	(AB-S)
F01	5-8	1035	7316	Mon	Message #15	FSK 200/500	(AB-S)
F01	6-8	0230	13370	Tue	Messages #82 and #83	FSK 200/500	(PY)
F01	6-8	0240	11538	Tue	Messages #82 and #83	FSK 200/500	(PY)
F01	6-8	1015	11076	Tue	Largely unreadable	FSK 200/500	(AB-RUS)
F01	6-8	1015	11076	Tue	Messages #16 and #17	FSK 200/500	(Subilo/AB)
F01	6-8	1025	9164	Tue	Largely unreadable	FSK 200/500	(AB-S)
F01	6-8	1035	7316	Tue	Largely unreadable	FSK 200/500	(AB-S)
F01	7-8	0230	13370	Wed	No decode	FSK 200/500	(Subilo)
F01	7-8	1015	11076	Wed	Largely unreadable	FSK 200/500	(AB)
F01	7-8	1015	11076	Wed	Message #18	FSK 200/500	(Subilo/AB)
F01	7-8	1025	9164	Wed	Largely unreadable	FSK 200/500	(AB)
F01	7-8	1035	7316	Wed	Largely unreadable	FSK 200/500	(AB)
F01	7-8	1840	15854	Wed	00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	7-8	1850	13543	Wed	00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	7-8	1910	11126	Wed	00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	8-8	0230	13370	Thu	Messages #84 and probably #85	FSK 200/500	(PY)
F01	8-8	1015	11076	Thu	Messages #19 and #20	FSK 200/500	(AB-RUS)
F01	8-8	1025	9164	Thu	Messages #19 and #20	FSK 200/500	(AB-S)
F01	8-8	1035	7316	Thu	Messages #19 and #20	FSK 200/500	(AB-S)
F01	9-8	1015	11076	Fri	00000 +++++	FSK 200/500	(AB-RUS/HFD)
F01	9-8	1025	9164	Fri	00000 +++++	FSK 200/500	(AB-S)
F01	9-8	1035	7316	Fri	00000 +++++	FSK 200/500	(AB-S/HFD)
F01	12-8	1015	11076	Mon	Message #21	FSK 200/500	(AB-RUS)
F01	12-8	1025	9164	Mon	Message #21	FSK 200/500	(AB-S)

F01	12-8	1035	7316	Mon	Message #21	FSK 200/500	(AB-S)
F01	13-8	0230	13370	Tue	Presumably message #86	FSK 200/500	(PY)
F01	13-8	0240	11538	Tue	Presumably message #86	FSK 200/500	(PY)
F01	13-8	0250	10614	Tue	Presumably message #86	FSK 200/500	(PY)
F01	13-8	1015	11076	Tue	Messages #22 and #23	FSK 200/500	(AB-RUS)
F01	13-8	1025	9164	Tue	Messages #22 and #23	FSK 200/500	(AB-S)
F01	13-8	1035	7316	Tue	Messages #22 and #23	FSK 200/500	(AB-S)
F01	14-8	0230	13370	Wed	Message #87	FSK 200/500	(PY)
F01	14-8	0240	11538	Wed	Message #87	FSK 200/500	(PY)
F01	14-8	1015	11076	Wed	Too weak to copy	FSK 200/500	(AB)
F01	14-8	1025	9164	Wed	Too weak to copy	FSK 200/500	(AB)
F01	14-8	1035	7316	Wed	Too weak to copy	FSK 200/500	(AB)
F01	15-8	0235	13370	Thu	Hex file 44423 (1536 bytes) 44400 09501 00000 1_____	FSK 200/500	(PY)
F01	15-8	0240	11538	Thu	Hex file 44423 (1536 bytes) 44400 09501 00000 1_____	FSK 200/500	(PY)
F01	15-8	0250	10614	Thu	Hex file 44423 (1536 bytes) 44400 09501 00000 1_____	FSK 200/500	(PY)
F01	15-8	1015	11076	Thu	Messages #25 and #26	FSK 200/500	(AB-RUS)
F01	15-8	1025	9164	Thu	Messages #25 and #26	FSK 200/500	(AB-S)
F01	15-8	1035	7316	Thu	Messages #25 and #26	FSK 200/500	(AB-S)
F01	16-8	0230	13370	Fri	00000 +++++ +++++ wrong 200Hz shift	FSK 200/200	(PY)
F01	16-8	0240	11538	Fri	00000 +++++ +++++ wrong 200Hz shift	FSK 200/200	(PY)
F01	16-8	0250	10614	Fri	00000 +++++ +++++ wrong 200Hz shift	FSK 200/200	(PY)
F01	16-8	1015	11076	Fri	00000 +++++	FSK 200/500	(AB-RUS)
F01	16-8	1025	9164	Fri	00000 +++++	FSK 200/500	(AB-S)
F01	16-8	1035	7316	Fri	00000 +++++	FSK 200/500	(AB-S)
F01	19-8	0230	13370	Mon	Messages #88 and #89	FSK 200/500	(PY)
F01	19-8	0250	10614	Mon	Messages #88 and #89	FSK 200/500	(PY)
F01	20-8	0250	10614	Tue	Messages #88 and #89	FSK 200/500	(PY)
F01	21-8	0240	11538	Wed	Messages #91 and #91	FSK 200/500	(PY)
F01	21-8	0250	10614	Wed	Messages #91 and #91	FSK 200/500	(PY)
F01	22-8	0230	13370	Thu	Messages #91 and #91. Wrong shift	FSK 200/1000	(PY)
F01	22-8	0240	11538	Thu	Messages #91 and #91	FSK 200/500	(PY)
F01	23-8	0230	13370	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	23-8	0240	11538	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	23-8	0250	11538	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	23-8	1015	11076	Fri	00000 +++++	FSK 200/500	(AB-RUS)
F01	23-8	1025	9164	Fri	00000 +++++	FSK 200/500	(AB-S)
F01	23-8	1035	7316	Fri	00000 +++++	FSK 200/500	(AB-S)
F01	26-8	0230	13370	Mon	Message #92	FSK 200/500	(PY)
F01	26-8	0240	11538	Mon	Message #92	FSK 200/500	(PY)
F01	26-8	0250	11538	Mon	Message #92	FSK 200/500	(PY)
F01	26-8	1015	11076	Mon	Message #27	FSK 200/500	(AB-RUS)
F01	26-8	1025	9164	Mon	Message #27	FSK 200/500	(AB-S)

F01	26-8	1035	7316	Mon	Message #27	FSK 200/500	(AB-S)
F01	27-8	0230	13370	Tue	Message #92. Wrong shift	FSK 200/1000	(PY)
F01	27-8	0240	11538	Tue	Message #92	FSK 200/500	(PY)
F01	27-8	0250	11538	Tue	Message #92	FSK 200/500	(PY)
F01	27-8	1015	11076	Tue	Messages #28 and #29	FSK 200/500	(AB-RUS)
F01	27-8	1025	9164	Tue	Messages #28 and #29	FSK 200/500	(AB-S)
F01	27-8	1035	7316	Tue	Messages #28 and #29	FSK 200/500	(AB-S)
F01	28-8	0230	13370	Wed	Message #93	FSK 200/500	(PY)
F01	28-8	1015	11076	Wed	Message #30	FSK 200/500	(AB-RUS)
F01	28-8	1025	9164	Wed	Message #30	FSK 200/500	(AB-S)
F01	28-8	1035	7316	Wed	Message #30	FSK 200/500	(AB-S)
F01	29-8	0230	13370	Thu	Message #93	FSK 200/500	(PY)
F01	29-8	0240	11538	Thu	Message #93	FSK 200/500	(PY)
F01	29-8	0250	10614	Thu	Message #93	FSK 200/500	(PY)
F01	29-8	1015	11076	Thu	Messages #31 and #32	FSK 200/500	(AB-RUS)
F01	29-8	1025	9164	Thu	Messages #31 and #32	FSK 200/500	(AB-S)
F01	29-8	1035	7316	Thu	Messages #31 and #32	FSK 200/500	(AB-S)
F01	30-8	0230	13370	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	30-8	1015	11076	Fri	00000 +++++	FSK 200/500	(AB-RUS)
F01	30-8	1025	9164	Fri	00000 +++++	FSK 200/500	(AB-S)
F01	30-8	1035	7316	Fri	00000 +++++	FSK 200/500	(AB-S)
F02	21-8	1052	20188	Wed	Russian domestic net. Test	MFSK-4/150Bd/4000Hz	(AB)
F02	21-8	1053	18184	Wed	Russian domestic net. Test	MFSK-4/150Bd/4000Hz	(AB)
F02	21-8	1100	18184	Wed	Russian domestic net. Test	MFSK-4/150Bd/4000Hz	(AB)
F02	23-8	0817	21710	Fri	Russian domestic net. Test	MFSK-4/150Bd/4000Hz	(AB)
F02	29-8	0720	20053	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F03j	2-8	0800	6281	Fri	Polish intel. Test tone at 0751z. Nothing else	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	2-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	2-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-8	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-8	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-8	0810	18773	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-8	0815	18773	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-8	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-8	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-8	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-8	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0615	16335	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	7-8	0620	16335	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0615	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0620	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0800	6281	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0805	6281	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-8	0800	6281	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	9-8	0805	6281	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	9-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	9-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	9-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	0615	16335	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	0620	16335	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	0810	18773	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	0815	18773	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-8	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-8	0615	12089	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-8	0620	12089	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-8	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	13-8	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	13-8	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	13-8	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	13-8	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-8	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0530	16530	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	14-8	0535	16530	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0615	16335	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0620	16335	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0430	20994	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	15-8	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0435	20994	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	15-8	0615	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0620	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0800	6281	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0805	6281	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-8	0800	6281	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-8	0805	6281	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-8	0810	18773	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-8	0815	18773	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0530	16530	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0535	16530	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0615	16335	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0620	16335	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0810	18773	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0815	18773	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-8	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	20-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-8	0615	12089	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-8	0620	12089	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-8	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	20-8	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	20-8	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	20-8	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	20-8	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-8	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0430	20994	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-8	0435	20994	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-8	0530	16530	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-8	0535	16530	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-8	0615	16335	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0620	16335	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0615	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0620	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0800	6281	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0805	6281	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-8	0800	6281	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-8	0805	6281	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-8	0810	18773	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-8	0815	18773	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0530	16530	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0535	16530	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0615	16335	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	26-8	0620	16335	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0810	18773	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0815	18773	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-8	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-8	0615	12089	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-8	0620	12089	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-8	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	27-8	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	27-8	0810	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-8	0815	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-8	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	27-8	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	27-8	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-8	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0530	16530	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-8	0535	16530	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-8	0615	16335	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0620	16335	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0430	20994	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0435	20994	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0615	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0620	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0720	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0725	12089	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0800	6281	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0805	6281	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	29-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-8	0800	6281	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-8	0805	6281	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-8	0810	18773	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-8	0815	18773	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03I	1-8	0735	10210	Thu	Polish intel. Test tone at 0725z. No transmission	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	1-8	1800	12385	Thu	Polish intel. Test tone at 1750z. Nothing else	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	1-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	1-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-8	0950	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-8	0955	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-8	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-8	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-8	1800	13285	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-8	1805	13285	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-8	0950	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-8	0955	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	0725	17410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	0730	17410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	0735	10210	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	0740	10210	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-8	0950	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-8	0955	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-8	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-8	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-8	1100	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-8	1105	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-8	1800	13285	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-8	1805	13285	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-8	0950	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	14-8	0955	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	0725	17410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	0730	17410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	0735	10210	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	0740	10210	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-8	0950	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-8	0955	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-8	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-8	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-8	0725	17410	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-8	0730	17410	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-8	1100	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-8	1105	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-8	1800	13285	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-8	1805	13285	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-8	0950	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-8	0955	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	0725	17410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	0730	17410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	0735	10210	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	0740	10210	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-8	0950	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-8	0955	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-8	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-8	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-8	0725	17410	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-8	0730	17410	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-8	1100	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-8	1105	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-8	1800	13285	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	27-8	1805	13285	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-8	0950	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-8	0955	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	0725	17410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	0730	17410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	0735	10210	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	0740	10210	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F06	1-8	0700	11076	Thu	11166 70202 46932 31094 02039 and 11166 70202 19574 31095 01439	FSK 200/1000	(AB-RUS)
F06	1-8	0710	9053	Thu	11166 70202 46932 31094 02039 and 11166 70202 19574 31095 01439	FSK 200/1000	(AB-POL)
F06	1-8	0720	7386	Thu	11166 70202 46932 31094 02039 and 11166 70202 19574 31095 01439	FSK 200/1000	(AB-S)
F06	1-8	1200	10394	Thu	11166 70202 46932 31094 02039 and 11166 70202 19574 31095 01439	FSK 200/1000	(AB-RUS)
F06	1-8	1210	8076	Thu	11166 70202 46932 31094 02039 and 11166 70202 19574 31095 01439	FSK 200/1000	(AB-S)
F06	1-8	1220	6768	Thu	11166 70202 46932 31094 02039 and 11166 70202 19574 31095 01439	FSK 200/1000	(AB-S)
F06	1-8	1330	17439	Thu	11166 80214 56238 31066 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-8	1340	13387	Thu	11166 80214 56238 31066 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-8	1350	11145	Thu	11166 80214 56238 31066 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	2-8	0100	17532	Fri	11100 09501 00000 02254 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	2-8	0700	11076	Fri	11166 70202 95287 02065 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	2-8	0710	9053	Fri	11166 70202 95287 02065 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	2-8	0720	7386	Fri	11166 70202 95287 02065 00049 00000 00000 00000 00000	FSK 200/1000	(AB-S)
F06	4-8	1530	22913	Sun	11166 10053 14785 04021 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	4-8	1540	18241	Sun	11166 10053 14785 04021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-8	1550	17455	Sun	11166 10053 14785 04021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-8	0400	10263	Mon	11166 70059 14785 05025 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	5-8	0410	8126	Mon	11166 70059 14785 05025 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-8	0420	6888	Mon	11166 70059 14785 05025 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-8	0030	12208	Tue	11166 60070 12457 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-8	0040	10166	Tue	11166 60070 12457 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	6-8	0050	9237	Tue	11166 60070 12457 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-8	0100	17532	Tue	11100 09501 00000 05078 01599 and 11100 09501 00000 05079 01979	FSK 200/1000	(PY)
F06	6-8	0700	11076	Tue	11166 70202 _____ and 11166 70202 03852 05098 02039	FSK 200/1000	(AB-RUS)
F06	6-8	0710	9053	Tue	11166 70202 _____ and 11166 70202 03852 05098 02039	FSK 200/1000	(AB-POL)
F06	6-8	0720	7386	Tue	11166 70202 _____ and 11166 70202 03852 05098 02039	FSK 200/1000	(AB-S)
F06	6-8	1200	10394	Tue	11166 70202 _____ and 11166 70202 03852 05098 02039	FSK 200/1000	(AB-RUS)
F06	6-8	1210	8076	Tue	11166 70202 _____ and 11166 70202 03852 05098 02039	FSK 200/1000	(AB-S)
F06	6-8	1220	6768	Tue	11166 70202 _____ and 11166 70202 03852 05098 02039	FSK 200/1000	(AB-S)

F06	6-8	1230	13969	Tue	11166 30154 13467 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-8	1230	16186	Tue	11166 30154 13467 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-8	1230	20655	Tue	11166 30154 13467 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-8	1650	20917	Tue	11166 10053 95312 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-8	1700	17529	Tue	11166 10053 95312 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-8	1710	15765	Tue	11166 10053 95312 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-8	1300	17429	Wed	11166 10075 14785 07021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	7-8	1300	19219	Wed	11166 60081 36985 07029 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	7-8	1310	13957	Wed	11166 10075 14785 07021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	7-8	1310	18287	Wed	11166 60081 36985 07029 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	7-8	1320	12139	Wed	11166 10075 14785 07021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	7-8	1320	14725	Wed	11166 60081 36985 07029 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	7-8	1400	18193	Wed	11166 30077 14795 07020 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	7-8	1410	14385	Wed	11166 30077 14795 07020 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	7-8	1420	13376	Wed	11166 30077 14795 07020 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	8-8	0700	11076	Thu	11166 70202 35247 07001 02059 and 11166 70202 65791 07002 01179	FSK 200/1000	(AB-RUS)
F06	8-8	0710	9053	Thu	11166 70202 35247 07001 02059 and 11166 70202 65791 07002 01179	FSK 200/1000	(AB-POL)
F06	8-8	0720	7386	Thu	11166 70202 35247 07001 02059 and 11166 70202 65791 07002 01179	FSK 200/1000	(AB-S)
F06	8-8	1200	10394	Thu	11166 70202 35247 07001 02059 and 11166 70202 65791 07002 01179	FSK 200/1000	(AB-RUS)
F06	8-8	1210	8076	Thu	11166 70202 35247 07001 02059 and 11166 70202 65791 07002 01179	FSK 200/1000	(AB-S)
F06	8-8	1220	6768	Thu	11166 70202 35247 07001 02059 and 11166 70202 65791 07002 01179	FSK 200/1000	(AB-S)
F06	8-8	1330	17439	Thu	11166 80214 62347 08071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-8	1340	13387	Thu	11166 80214 62347 08071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-8	1350	11145	Thu	11166 80214 62347 08071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-8	0100	17532	Fri	11100 09501 00000 08001 00043 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	9-8	0110	16351	Fri	11100 09501 00000 08001 00043 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	9-8	0120	14428	Fri	11100 09501 00000 08001 00043 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	9-8	0700	11076	Fri	11166 70202 17568 09052 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	9-8	0710	9053	Fri	11166 70202 17568 09052 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	9-8	0720	7386	Fri	11166 70202 17568 09052 00049 00000 00000 00000 00000	FSK 200/1000	(AB-S)
F06	11-8	1530	22913	Sun	11166 10053 12354 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT)
F06	11-8	1540	18241	Sun	11166 10053 12354 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-8	1550	17455	Sun	11166 10053 12354 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-8	0100	17532	Mon	idle -500Hz carrier	FSK 200/1000	(PY)
F06	13-8	0030	12208	Tue	11166 60070 13467 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	13-8	0040	10166	Tue	11166 60070 13467 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-8	0050	9237	Tue	11166 60070 13467 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-8	0100	17532	Tue	11100 09501 00000 09080 03599	FSK 200/1000	(PY)
F06	13-8	0700	11076	Tue	11166 70202 07518 12004 01539 and 11166 70202 19735 12005 02259	FSK 200/1000	(AB-RUS)
F06	13-8	0710	9053	Tue	11166 70202 07518 12004 01539 and 11166 70202 19735 12005 02259	FSK 200/1000	(AB-POL)
F06	13-8	0720	7386	Tue	11166 70202 07518 12004 01539 and 11166 70202 19735 12005 02259	FSK 200/1000	(AB-S)
F06	13-8	1200	10394	Tue	11166 70202 07518 12004 01539 and 11166 70202 19735 12005 02259	FSK 200/1000	(AB-RUS)

F06	13-8	1210	8076	Tue	11166 70202 07518 12004 01539 and 11166 70202 19735 12005 02259	FSK 200/1000	(AB-S)
F06	13-8	1220	6768	Tue	11166 70202 07518 12004 01539 and 11166 70202 19735 12005 02259	FSK 200/1000	(AB-S)
F06	13-8	1230	20655	Tue	11166 30154 85412 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	13-8	1240	16186	Tue	11166 30154 85412 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	13-8	1250	13969	Tue	11166 30154 85412 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	13-8	1650	20917	Tue	11166 10053 18930 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	13-8	1700	17529	Tue	11166 10053 18930 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-8	1710	15765	Tue	11166 10053 18930 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-8	0915	20355	Wed	11166 40023 12348 14001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	14-8	0930	15665	Wed	11166 40023 12348 14001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	14-8	0945	14378	Wed	11166 40023 12348 14001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	14-8	1300	17429	Wed	11166 10075 14725 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	14-8	1300	19219	Wed	11166 60081 78945 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	14-8	1310	13957	Wed	11166 10075 14725 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	14-8	1310	18287	Wed	11166 60081 78945 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	14-8	1320	12139	Wed	11166 10075 14725 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	14-8	1320	14725	Wed	11166 60081 78945 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	14-8	1400	18193	Wed	11166 30077 15963 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	14-8	1410	14385	Wed	11166 30077 15963 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	14-8	1420	13376	Wed	11166 30077 15963 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	15-8	0100	17532	Thu	11100 09501 00000 14087 03949	FSK 200/1000	(PY)
F06	15-8	0115	16351	Thu	11100 09501 00000 14087 03949	FSK 200/1000	(PY)
F06	15-8	0130	14428	Thu	11100 09501 00000 14087 03949	FSK 200/1000	(PY)
F06	15-8	0700	11076	Thu	11166 70202 87293 14007 01559 and 11166 70202 87109 14008 02239	FSK 200/1000	(AB-RUS)
F06	15-8	0710	9053	Thu	11166 70202 87293 14007 01559 and 11166 70202 87109 14008 02239	FSK 200/1000	(AB-POL)
F06	15-8	0720	7386	Thu	11166 70202 87293 14007 01559 and 11166 70202 87109 14008 02239	FSK 200/1000	(AB-S)
F06	15-8	1200	10394	Thu	11166 70202 87293 14007 01559 and 11166 70202 87109 14008 02239	FSK 200/1000	(AB-RUS)
F06	15-8	1210	8076	Thu	11166 70202 87293 14007 01559 and 11166 70202 87109 14008 02239	FSK 200/1000	(AB-S)
F06	15-8	1220	6768	Thu	11166 70202 87293 14007 01559 and 11166 70202 87109 14008 02239	FSK 200/1000	(AB-S)
F06	15-8	1330	17439	Thu	11166 80214 12987 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-8	1340	13387	Thu	11166 80214 12987 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-8	1350	11145	Thu	11166 80214 12987 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-8	0100	17532	Fri	Null message, wrong 200Hz shift	FSK 200/200	(PY)
F06	16-8	0115	16351	Fri	Null message, wrong 200Hz shift	FSK 200/200	(PY)
F06	16-8	0130	14428	Fri	Null message, wrong 200Hz shift	FSK 200/200	(PY)
F06	16-8	0700	11076	Fri	11166 70202 17894 16056 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16-8	0710	9053	Fri	11166 70202 17894 16056 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	16-8	0720	7386	Fri	11166 70202 17894 16056 00049 00000 00000 00000 00000	FSK 200/1000	(AB-S)
F06	18-8	1530	22913	Sun	11166 10053 13467 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT)
F06	18-8	1540	18241	Sun	11166 10053 13467 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-8	1550	17455	Sun	11166 10053 13467 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-8	0100	17532	Mon	Wrong 200Hz shift	FSK 200/200	(PY)

F06	19-8	0110	16351	Mon	11100 09501 00000 19081 01579 and 11100 09501 00000 19082 01899	FSK 200/1000	(PY)
F06	19-8	0120	14428	Mon	11100 09501 00000 19081 01579 and 11100 09501 00000 19082 01899	FSK 200/1000	(PY)
F06	19-8	0400	10263	Mon	11166 70059 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	19-8	0410	8126	Mon	11166 70059 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-8	0420	6888	Mon	11166 70059 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-8	0540	10460	Mon	Short message	FSK 200/1000	(FD)
F06	19-8	0550	13947	Mon	Short message	FSK 200/1000	(FD)
F06	19-8	0600	9044	Mon	Short message	FSK 200/1000	(FD)
F06	19-8	0800	9362	Mon	11100 00000 17845 15050 01419	FSK 200/1000	(PY)
F06	19-8	0810	7984	Mon	11100 00000 17845 15050 01419	FSK 200/1000	(PY)
F06	19-8	0820	10204	Mon	Message (probably #89)	FSK 200/1000	(FD)
F06	19-8	0830	12075	Mon	Message (probably #89)	FSK 200/1000	(FD)
F06	19-8	0840	14371	Mon	Message (probably #89)	FSK 200/1000	(FD)
F06	19-8	1100	13371	Mon	11100 00000 18943 16045 00029 67942 00000	FSK 200/1000	(T101)
F06	19-8	1110	10937	Mon	11100 00000 18943 16045 00029 67942 00000	FSK 200/1000	(PY)
F06	19-8	1340	11643	Mon	Message (probably #89)	FSK 200/1000	(FD)
F06	19-8	1350	10184	Mon	Message (probably #89)	FSK 200/1000	(FD)
F06	19-8	1400	7995	Mon	Message (probably #89)	FSK 200/1000	(FD)
F06	20-8	0030	12208	Tue	11166 60070 18930 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-8	0040	10166	Tue	11166 60070 18930 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-8	0050	9237	Tue	11166 60070 18930 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-8	0110	16351	Tue	11100 09501 00000 19081 01569 and 11100 09501 00000 19082 01899	FSK 200/1000	(PY)
F06	20-8	0540	10460	Tue	Short message	FSK 200/1000	(FD)
F06	20-8	0550	13947	Tue	Short message	FSK 200/1000	(FD)
F06	20-8	0600	9044	Tue	Short message	FSK 200/1000	(FD)
F06	20-8	0645	19212	Tue	Undecodable despite good signal strengths	FSK 200/1000	(PY)
F06	20-8	0700	18593	Tue	Undecodable despite good signal strengths	FSK 200/1000	(PY)
F06	20-8	0800	9362	Tue	11100 00000 17845 15050 01419	FSK 200/1000	(PY)
F06	20-8	0810	7984	Tue	11100 00000 17845 15050 01419	FSK 200/1000	(PY)
F06	20-8	0820	10204	Tue	11100 00000 23785 19093 09029	FSK 200/1000	(PY)
F06	20-8	0830	12075	Tue	11100 00000 23785 19093 09029	FSK 200/1000	(PY)
F06	20-8	0840	14371	Tue	11100 00000 23785 19093 09029	FSK 200/1000	(PY)
F06	20-8	1100	13371	Tue	11100 00000 95843 19057 00039 52378 15834 00000	FSK 200/1000	(PY)
F06	20-8	1110	10937	Tue	11100 00000 95843 19057 00039 52378 15834 00000	FSK 200/1000	(PY)
F06	20-8	1120	12075	Tue	11100 00000 95843 19057 00039 52378 15834 00000	FSK 200/1000	(PY)
F06	20-8	1340	11643	Tue	11100 00000 23785 19093 09029	FSK 200/1000	(PY)
F06	20-8	1350	10184	Tue	11100 00000 23785 19093 09029	FSK 200/1000	(PY)
F06	20-8	1400	7995	Tue	11100 00000 23785 19093 09029	FSK 200/1000	(PY)
F06	20-8	1650	20917	Tue	11166 10053 15963 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	20-8	1700	17529	Tue	11166 10053 15963 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-8	1710	15765	Tue	11166 10053 15963 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-8	0540	10460	Wed	11100 00000 51347 20061 00049 91578 30547 61835 00000	FSK 200/1000	(PY)

F06	21-8	0550	13947	Wed	11100 00000 51347 20061 00049 91578 30547 61835 00000	FSK 200/1000	(PY)
F06	21-8	0600	9044	Wed	11100 00000 51347 20061 00049 91578 30547 61835 00000	FSK 200/1000	(PY)
F06	21-8	0630	18593	Wed	11100 00000 54321 21004 00043 16537 16537 16537 00000 (wrong 3 instead of 9 in header)	FSK 200/1000	(PY)
F06	21-8	0645	17467	Wed	11100 00000 54321 21004 00049 16537 16537 16537 00000	FSK 200/1000	(PY)
F06	21-8	0700	16233	Wed	11100 00000 54321 21004 00049 16537 16537 16537 00000	FSK 200/1000	(PY)
F06	21-8	0820	10204	Wed	11100 00000 39845 20098 08029	FSK 200/1000	(PY)
F06	21-8	0830	12075	Wed	11100 00000 39845 20098 08029	FSK 200/1000	(PY)
F06	21-8	0840	14371	Wed	11100 00000 39845 20098 08029	FSK 200/1000	(PY)
F06	21-8	1100	13371	Wed	11100 00000 51347 20061 00049 91578 30547 61835 00000	FSK 200/1000	(PY)
F06	21-8	1110	10937	Wed	11100 00000 51347 20061 00049 91578 30547 61835 00000	FSK 200/1000	(PY)
F06	21-8	1120	12075	Wed	11100 00000 51347 20061 00049 91578 30547 61835 00000	FSK 200/1000	(PY)
F06	21-8	1340	11643	Wed	11100 00000 39845 20098 08029	FSK 200/1000	(PY)
F06	21-8	1350	10184	Wed	11100 00000 39845 20098 08029	FSK 200/1000	(PY)
F06	21-8	1400	7995	Wed	11100 00000 39845 20098 08029	FSK 200/1000	(PY)
F06	22-8	0710	18593	Thu	11100 00000 54321 21004 00049 16537 16537 16537 00000	FSK 200/1000	(PY)
F06	22-8	0720	17467	Thu	11100 00000 54321 21004 00049 16537 16537 16537 00000	FSK 200/1000	(PY)
F06	22-8	0730	16233	Thu	11100 00000 54321 21004 00049 16537 16537 16537 00000	FSK 200/1000	(PY)
F06	22-8	1030	13395	Thu	11100 00000 25946 21028 00039 12598 73651 00000	FSK 200/1000	(PY)
F06	22-8	1040	12075	Thu	11100 00000 25946 21028 00039 12598 73651 00000	FSK 200/1000	(PY)
F06	22-8	1050	10995	Thu	11100 00000 25946 21028 00039 12598 73651 00000	FSK 200/1000	(PY)
F06	22-8	1330	17439	Thu	11166 80214 89562 21099 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-8	1340	13387	Thu	11166 80214 89562 21099 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-8	1350	11145	Thu	11166 80214 89562 21099 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-8	0100	17532	Fri	00000 00000 00000 00000 00000 00000 00000 000	FSK 200/1000	(PY)
F06	23-8	0110	16351	Fri	00000 00000 00000 00000 00000 00000 00000 000	FSK 200/1000	(PY)
F06	23-8	0120	14428	Fri	00000 00000 00000 00000 00000 00000 00000 000	FSK 200/1000	(PY)
F06	23-8	0700	11076	Fri	11166 70202 71284 23055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	23-8	0710	9053	Fri	11166 70202 71284 23055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	23-8	0720	7386	Fri	11166 70202 71284 23055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-S)
F06	25-8	1530	22913	Sun	11166 10053 14785 25021 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT)
F06	25-8	1540	18241	Sun	11166 10053 14785 25021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-8	1550	17455	Sun	11166 10053 14785 25021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-8	0100	17532	Mon	11100 09501 00000 26083 03439	FSK 200/1000	(PY)
F06	26-8	0800	9362	Mon	11100 00000 65831 23051 02379	FSK 200/1000	(PY)
F06	26-8	0810	7984	Mon	11100 00000 65831 23051 02379	FSK 200/1000	(PY)
F06	27-8	0030	12208	Tue	11166 60070 15963 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-8	0040	10166	Tue	11166 60070 15963 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-8	0050	9237	Tue	11166 60070 15963 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-8	0100	17532	Tue	11100 09501 00000 26083 03439	FSK 200/1000	(PY)
F06	27-8	0700	11076	Tue	11166 70202 35874 26010 01719 and 11166 70202 49752 26011 02099	FSK 200/1000	(AB-RUS)
F06	27-8	0710	9053	Tue	11166 70202 35874 26010 01719 and 11166 70202 49752 26011 02099	FSK 200/1000	(AB-POL)

F06	27-8	0720	7386	Tue	11166 70202 35874 26010 01719 and 11166 70202 49752 26011 02099	FSK 200/1000	(AB-S)
F06	27-8	0800	9362	Tue	11100 00000 65831 23051 02379	FSK 200/1000	(PY)
F06	27-8	0810	7984	Tue	11100 00000 65831 23051 02379	FSK 200/1000	(PY)
F06	27-8	0820	6802	Tue	11100 00000 65831 23051 02379	FSK 200/1000	(PY)
F06	27-8	1200	10394	Tue	11166 70202 35874 26010 01719 and 11166 70202 49752 26011 02099	FSK 200/1000	(AB-RUS)
F06	27-8	1210	8076	Tue	11166 70202 35874 26010 01719 and 11166 70202 49752 26011 02099	FSK 200/1000	(AB-S)
F06	27-8	1220	6768	Tue	11166 70202 35874 26010 01719 and 11166 70202 49752 26011 02099	FSK 200/1000	(AB-S)
F06	27-8	1650	20917	Tue	11166 10053 18930 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-8	1700	17529	Tue	11166 10053 18930 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-8	1710	15765	Tue	11166 10053 18930 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-8	0915	20355	Wed	11166 40023 12589 28001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	28-8	0930	15665	Wed	11166 40023 12589 28001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	28-8	0945	14378	Wed	11166 40023 12589 28001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-8	0700	11076	Thu	11166 70202 75813 28013 01779 and 11166 70202 97541 28014 02039	FSK 200/1000	(AB)
F06	29-8	0710	9053	Thu	11166 70202 75813 28013 01779 and 11166 70202 97541 28014 02039	FSK 200/1000	(AB-POL)
F06	29-8	0720	7386	Thu	11166 70202 75813 28013 01779 and 11166 70202 97541 28014 02039	FSK 200/1000	(AB-S)
F06	29-8	1200	10394	Thu	11166 70202 75813 28013 01779 and 11166 70202 97541 28014 02039	FSK 200/1000	(AB)
F06	29-8	1210	8076	Thu	11166 70202 75813 28013 01779 and 11166 70202 97541 28014 02039	FSK 200/1000	(AB-S)
F06	29-8	1220	6768	Thu	11166 70202 75813 28013 01779 and 11166 70202 97541 28014 02039	FSK 200/1000	(AB-S)
F06	29-8	1330	17439	Thu	11166 80214 75619 29035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-8	1340	13387	Thu	11166 80214 75619 29035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-8	1350	11145	Thu	11166 80214 75619 29035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-8	1440	6957	Thu	11100 00000 15963 29035 02569	FSK 200/1000	(PY)
F06	29-8	1450	9425	Thu	11100 00000 15963 29035 02569 interruptions in signal and modulation	FSK 200/1000	(PY)
F06	29-8	1501	11611	Thu	11100 00000 15963 29035 02569 late start, interruptions in modulation	FSK 200/1000	(T101)
F06	30-8	0100	17532	Fri	11100 09501 00000 30123 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-8	0700	11076	Fri	11166 70202 12563 29054 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	30-8	0710	9053	Fri	11166 70202 12563 29054 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	30-8	0720	7386	Fri	11166 70202 12563 29054 00049 00000 00000 00000 00000	FSK 200/1000	(AB-S)
F06a	1-8	0100	17532	Thu	File V-ZFD21 (1905 bytes) 44400 09501 00000 31021 00003	FSK 200/1000	(PY)
F06a	1-8	0400	4795	Thu	File 04444 (binary contents)	FSK 200/1000	(AB)
F06a	1-8	0415	5463	Thu	File 04444 (binary contents)	FSK 200/1000	(AB)
F06a	1-8	0430	7329	Thu	File 04444 (binary contents)	FSK 200/1000	(AB)
F06a	1-8	0600	12073	Thu	Message (presumably message #1)	FSK 200/1000	(FD)
F06a	1-8	0615	14073	Thu	Message (presumably message #1)	FSK 200/1000	(FD)
F06a	1-8	0630	16129	Thu	Message (presumably message #1)	FSK 200/1000	(FD)
F06a	2-8	0400	4795	Fri	File 04444 (binary contents)	FSK 200/1000	(AB)
F06a	2-8	0415	5463	Fri	File 04444 (binary contents)	FSK 200/1000	(AB)
F06a	2-8	0430	7329	Fri	File 04444 (binary contents)	FSK 200/1000	(AB)
F06a	5-8	0700	11076	Mon	File 44496 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	5-8	0715	9053	Mon	File 44496 (binary contents)	FSK 200/1000	(AB-POL)
F06a	5-8	0730	7386	Mon	File 44496 (binary contents)	FSK 200/1000	(AB-S)

F06a	5-8	1200	10394	Mon	File 44496 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	5-8	1215	8076	Mon	File 44496 (binary contents)	FSK 200/1000	(AB-S)
F06a	5-8	1230	6768	Mon	File 44496 (binary contents)	FSK 200/1000	(AB-S)
F06a	7-8	0100	17532	Wed	File ZFD_22 (1536 bytes, binary contents) Header 44400 09501 00000 07022 00009	FSK 200/1000	(PY)
F06a	7-8	0115	16351	Wed	File ZFD_22 (1536 bytes, binary contents) Header 44400 09501 00000 07022 00009	FSK 200/1000	(PY)
F06a	7-8	0130	14428	Wed	File ZFD_22 (1536 bytes, binary contents) Header 44400 09501 00000 07022 00009	FSK 200/1000	(PY)
F06a	7-8	0600	13469	Wed	Message (presumably message #2)	FSK 200/1000	(FD)
F06a	7-8	0615	16223	Wed	Message (presumably message #2)	FSK 200/1000	(FD)
F06a	7-8	0630	17419	Wed	Message (presumably message #2)	FSK 200/1000	(FD)
F06a	7-8	0700	11076	Wed	File 44499 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	7-8	0715	9053	Wed	File 44499 (binary contents)	FSK 200/1000	(AB-POL)
F06a	7-8	0730	7386	Wed	File 44499 (binary contents)	FSK 200/1000	(AB-S)
F06a	7-8	1200	10394	Wed	File 44499 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	7-8	1215	8076	Wed	File 44499 (binary contents)	FSK 200/1000	(AB-S)
F06a	7-8	1230	6768	Wed	File 44499 (binary contents)	FSK 200/1000	(AB-S)
F06a	8-8	0100	17532	Thu	File ZFD_22 (1536 bytes, binary contents) Header 44400 09501 00000 07022 00009	FSK 200/1000	(PY)
F06a	8-8	0115	16351	Thu	File ZFD_22 (1536 bytes, binary contents) Header 44400 09501 00000 07022 00009	FSK 200/1000	(PY)
F06a	8-8	0130	14428	Thu	File ZFD_22 (1536 bytes, binary contents) Header 44400 09501 00000 07022 00009	FSK 200/1000	(PY)
F06a	8-8	0400	4795	Thu	File 04445 (binary contents)	FSK 200/1000	(AB)
F06a	8-8	0415	5463	Thu	File 04445 (binary contents)	FSK 200/1000	(AB)
F06a	8-8	0430	7329	Thu	File 04445 (binary contents)	FSK 200/1000	(AB)
F06a	8-8	0600	13469	Thu	Message (presumably message #2)	FSK 200/1000	(FD)
F06a	8-8	0615	16223	Thu	Message (presumably message #2)	FSK 200/1000	(FD)
F06a	8-8	0630	17419	Thu	Message (presumably message #2)	FSK 200/1000	(FD)
F06a	9-8	0400	4795	Fri	File 04445 (binary contents)	FSK 200/1000	(AB)
F06a	9-8	0415	5463	Fri	File 04445 (binary contents)	FSK 200/1000	(AB)
F06a	9-8	0430	7329	Fri	File 04445 (binary contents)	FSK 200/1000	(AB)
F06a	12-8	0700	11076	Mon	File 44403 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	12-8	0715	9053	Mon	File 44403 (binary contents)	FSK 200/1000	(AB-POL)
F06a	12-8	0730	7386	Mon	File 44403 (binary contents)	FSK 200/1000	(AB-S)
F06a	12-8	1200	10394	Mon	File 44403 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	12-8	1215	8076	Mon	File 44403 (binary contents)	FSK 200/1000	(AB-S)
F06a	12-8	1230	6768	Mon	File 44403 (binary contents)	FSK 200/1000	(AB-S)
F06a	14-8	0115	16351	Wed	File 44423 (1536 bytes, binary contents) 44400 09501 00000 14023 00009	FSK 200/1000	(PY)
F06a	14-8	0600	13469	Wed	Message (presumably message #3)	FSK 200/1000	(FD)
F06a	14-8	0615	16223	Wed	Message (presumably message #3)	FSK 200/1000	(FD)
F06a	14-8	0630	17419	Wed	Message (presumably message #3)	FSK 200/1000	(FD)
F06a	14-8	0700	11076	Wed	File 44406 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	14-8	0715	9053	Wed	File 44406 (binary contents)	FSK 200/1000	(AB-POL)
F06a	14-8	0730	7386	Wed	File 44406 (binary contents)	FSK 200/1000	(AB-S)
F06a	14-8	1200	10394	Wed	File 44406 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	14-8	1215	8076	Wed	File 44406 (binary contents)	FSK 200/1000	(AB-S)

F06a	14-8	1230	6768	Wed	File 44406 (binary contents)	FSK 200/1000	(AB-S)
F06a	15-8	0400	4795	Thu	File 04446 (binary contents)	FSK 200/1000	(AB)
F06a	15-8	0415	5463	Thu	File 04446 (binary contents)	FSK 200/1000	(AB)
F06a	15-8	0430	7329	Thu	File 04446 (binary contents)	FSK 200/1000	(AB)
F06a	15-8	0600	13469	Thu	Message (presumably message #3)	FSK 200/1000	(FD)
F06a	15-8	0615	16223	Thu	Message (presumably message #3)	FSK 200/1000	(FD)
F06a	15-8	0630	17419	Thu	Message (presumably message #3)	FSK 200/1000	(FD)
F06a	16-8	0400	4795	Fri	File 04446 (binary contents)	FSK 200/1000	(AB)
F06a	16-8	0415	5463	Fri	File 04446 (binary contents)	FSK 200/1000	(AB)
F06a	16-8	0430	7329	Fri	File 04446 (binary contents)	FSK 200/1000	(AB)
F06a	19-8	0700	13987	Mon	File 44488 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	19-8	0940	13395	Mon	Message (probably files 44490 and 44491)	FSK 200/1000	(FD)
F06a	19-8	0955	10995	Mon	Message (probably files 44490 and 44491)	FSK 200/1000	(FD)
F06a	19-8	1010	9109	Mon	Message (probably files 44490 and 44491)	FSK 200/1000	(FD)
F06a	19-8	1220	16326	Mon	File 44488 (500 bytes) empty text header	FSK 200/1000	(T101)
F06a	19-8	1235	14980	Mon	File 44488 (500 bytes) empty text header	FSK 200/1000	(T101)
F06a	19-8	1250	13375	Mon	File 44488 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	19-8	1500	11595	Mon	Files 44490 (2400 bytes) empty text header and file named 44491 (100 bytes) empty text header	FSK 200/1000	(PY)
F06a	19-8	1515	10166	Mon	Files 44490 (2400 bytes) empty text header and file named 44491 (100 bytes) empty text header	FSK 200/1000	(PY)
F06a	19-8	1530	7795	Mon	Files 44490 (2400 bytes) empty text header and file named 44491 (100 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	0700	13987	Tue	File 44492 (700 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	0750	18593	Tue	File 44403 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	0805	20367	Tue	File 44403 (500 bytes) empty text header (from Orenburg according to TDoA)	FSK 200/1000	(PY)
F06a	20-8	0820	17467	Tue	File 44403 (500 bytes) empty text header)cut off early mid tx)	FSK 200/1000	(PY)
F06a	20-8	0940	13395	Tue	Files 44494 (2300 bytes) empty text header and 44495 (200 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	0955	10995	Tue	Files 44494 (2300 bytes) empty text header and 44495 (200 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	1010	9109	Tue	Files 44494 (2300 bytes) empty text header and 44495 (200 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	1220	16326	Tue	File 44492 (700 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	1235	14980	Tue	File 44492 (700 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	1250	12075	Tue	File 44492 (700 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	1500	11595	Tue	Files 44494 (2300 bytes) empty text header and 44495 (200 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	1515	10166	Tue	Files 44494 (2300 bytes) empty text header and 44495 (200 bytes) empty text header	FSK 200/1000	(PY)
F06a	20-8	1530	7795	Tue	Files 44494 (2300 bytes) empty text header and 44495 (200 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	0100	17532	Wed	File 44424 (1126 bytes, binary contents) Header 44400 09501 00000 21024 00009	FSK 200/1000	(PY)
F06a	21-8	0115	16351	Wed	File 44424 (1126 bytes, binary contents) Header 44400 09501 00000 21024 00009	FSK 200/1000	(PY)
F06a	21-8	0130	14428	Wed	File 44424 (1126 bytes, binary contents) Header 44400 09501 00000 21024 00009	FSK 200/1000	(PY)
F06a	21-8	0600	13469	Wed	File 14404 (1296 bytes, binary contents)	FSK 200/1000	(PY)
F06a	21-8	0615	16223	Wed	File 14404 (1296 bytes, binary contents)	FSK 200/1000	(PY)
F06a	21-8	0630	17419	Wed	File 14404 (1296 bytes, binary contents)	FSK 200/1000	(PY)

F06a	21-8	0700	13987	Wed	File 44497 (1000 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	0740	18593	Wed	File 44405 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	0755	17467	Wed	File 44405 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	0810	16223	Wed	File 44405 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	0940	13395	Wed	Files 44499 (2200 bytes) empty text header and 44401 (300 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	0955	10995	Wed	Files 44499 (2200 bytes) empty text header and 44401 (300 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	1010	12075	Wed	Files 44499 (2200 bytes) empty text header and 44401 (300 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	1220	16326	Wed	File 44497 (1000 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	1235	14980	Wed	File 44497 (1000 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	1250	12075	Wed	File 44497 (1000 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	1500	11595	Wed	Files 44499 (2200 bytes) empty text header and 44401 (300 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	1515	10166	Wed	Files 44499 (2200 bytes) empty text header and 44401 (300 bytes) empty text header	FSK 200/1000	(PY)
F06a	21-8	1530	9109	Wed	Files 44499 (2200 bytes) empty text header and 44401 (300 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0100	17532	Thu	File 44424 (1126 bytes, binary contents) Header 44400 09501 00000 21024 00009. Wrong shift	FSK 200/500	(PY)
F06a	22-8	0115	16351	Thu	File 44424 (1126 bytes, binary contents) Header 44400 09501 00000 21024 00009. Wrong shift	FSK 200/500	(PY)
F06a	22-8	0130	14428	Thu	File 44424 (1126 bytes, binary contents) Header 44400 09501 00000 21024 00009	FSK 200/1000	(PY)
F06a	22-8	0400	4795	Thu	File 04447 (binary contents)	FSK 200/1000	(AB)
F06a	22-8	0415	5463	Thu	File 04447 (binary contents)	FSK 200/1000	(AB)
F06a	22-8	0430	7329	Thu	File 04447 (binary contents)	FSK 200/1000	(AB)
F06a	22-8	0540	13947	Thu	File 44403 (1000 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0555	12075	Thu	File 44403 (1000 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0600	13469	Thu	File 14404 (1296 bytes, binary contents)	FSK 200/1000	(PY)
F06a	22-8	0610	10460	Thu	File 44403 (1000 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0615	16223	Thu	File 14404 (1296 bytes, binary contents)	FSK 200/1000	(PY)
F06a	22-8	0630	17419	Thu	File 14404 (1296 bytes, binary contents)	FSK 200/1000	(PY)
F06a	22-8	0745	16233	Thu	File 44405 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0800	18593	Thu	File 44405 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0815	17467	Thu	File 44405 (500 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0830	14371	Thu	Files 44404 (1100 bytes) empty text header and 44405 (400 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0845	13371	Thu	Files 44404 (1100 bytes) empty text header and 44405 (400 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0900	12075	Thu	Files 44404 (1100 bytes) empty text header and 44405 (400 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0930	13395	Thu	File 44406 (2500 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	0945	12075	Thu	File 44406 (2500 bytes) empty text header	FSK 200/1000	(PY)
F06a	22-8	1000	10995	Thu	File 44406 (2500 bytes) empty text header	FSK 200/1000	(PY)
F06a	26-8	0700	11076	Mon	File 44409 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	26-8	0715	9053	Mon	File 44409 (binary contents)	FSK 200/1000	(AB-POL)
F06a	26-8	0730	7386	Mon	File 44409 (binary contents)	FSK 200/1000	(AB-S)
F06a	26-8	1200	10394	Mon	File 44409 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	26-8	1215	8076	Mon	File 44409 (binary contents)	FSK 200/1000	(AB-S)
F06a	26-8	1230	6768	Mon	File 44409 (binary contents)	FSK 200/1000	(AB-S)

F06a	28-8	0100	17532	Wed	File 44425 (1536 bytes, binary contents) Header 44444 09501 00000 28024 00009	FSK 200/1000	(PY)
F06a	28-8	0600	13469	Wed	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	28-8	0600	13469	Wed	File 48405 (1194 bytes, binary contents)	FSK 200/1000	(PY)
F06a	28-8	0615	16223	Wed	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	28-8	0615	16223	Wed	File 48405 (1194 bytes, binary contents)	FSK 200/1000	(PY)
F06a	28-8	0630	17419	Wed	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	28-8	0630	17419	Wed	File 48405 (1194 bytes, binary contents)	FSK 200/1000	(PY)
F06a	28-8	0700	11076	Wed	File 44412 (binary contents)	FSK 200/1000	(AB)
F06a	28-8	0715	9053	Wed	File 44412 (binary contents)	FSK 200/1000	(AB-POL)
F06a	28-8	0730	7386	Wed	File 44412 (binary contents)	FSK 200/1000	(AB-S)
F06a	28-8	1200	10394	Wed	File 44412 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	28-8	1215	8076	Wed	File 44412 (binary contents)	FSK 200/1000	(AB-S)
F06a	28-8	1230	6768	Wed	File 44412 (binary contents)	FSK 200/1000	(AB-S)
F06a	29-8	0100	17532	Thu	File 44425 (1536 bytes, binary contents) Header 44444 09501 00000 28024 00009	FSK 200/1000	(PY)
F06a	29-8	0400	4795	Thu	File 04448 (binary contents)	FSK 200/1000	(AB)
F06a	29-8	0415	5463	Thu	File 04448 (binary contents)	FSK 200/1000	(AB)
F06a	29-8	0430	7329	Thu	File 04448 (binary contents)	FSK 200/1000	(AB)
F06a	29-8	0600	13469	Thu	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	29-8	0600	13469	Thu	File 48405 (1194 bytes, binary contents)	FSK 200/1000	(PY)
F06a	29-8	0615	16223	Thu	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	29-8	0615	16223	Thu	File 48405 (1194 bytes, binary contents)	FSK 200/1000	(PY)
F06a	29-8	0630	17419	Thu	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	29-8	0630	17419	Thu	File 48405 (1194 bytes, binary contents)	FSK 200/1000	(PY)
F06a	30-8	0600	13469	Fri	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	30-8	0615	16223	Fri	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	30-8	0630	17419	Fri	File 48405 (binary contents)	FSK 200/1000	(AB)
F06a	30-8	1900	15763	Fri	File 40433 (2967 bytes, binary contents)	FSK 200/1000	(PY)
F06a	30-8	1915	14513	Fri	File 40433 (2967 bytes, binary contents)	FSK 200/1000	(PY)
F06a	30-8	1930	13531	Fri	File 40433 (2967 bytes, binary contents)	FSK 200/1000	(PY)
F06a	31-8	0600	12073	Sat	Message (presumably message #1)	FSK 200/1000	(FD)
F06a	31-8	0615	14073	Sat	Message (presumably message #1)	FSK 200/1000	(FD)
F06a	31-8	0630	16129	Sat	Message (presumably message #1)	FSK 200/1000	(FD)
F06a	31-8	1900	12131	Sat	File 40433 (2967 bytes, binary contents)	FSK 200/1000	(PY)
F06a	31-8	1915	11092	Sat	File 40433 (2967 bytes, binary contents)	FSK 200/1000	(PY)
F06a	31-8	1930	10208	Sat	File 40433 (2967 bytes, binary contents)	FSK 200/1000	(PY)
F07	1-8	2000	16263	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-8	2010	15852	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-8	2020	14968	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-8	2030	14417	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-8	2040	13478	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-8	2050	12143	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	6-8	2000	16263	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

[illegible]

F07	29-8	2010	15852	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2020	14968	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2030	14417	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2040	13478	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2050	12143	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
HM01	1-8	0559	10860	Thu	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	1-8	2231	10715	Thu	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(RL)
HM01	2-8	0525	10860	Fri	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	3-8	0646	10345	Sat	35312 15052 41121 14758 40158 36256 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	4-8	0646	10345	Sun	35312 15052 41121 14758 40158 36256 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	4-8	2100	11635	Sun	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	4-8	2255	10715	Sun	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(RL)
HM01	5-8	0457	10860	Mon	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	6-8	0500	10860	Tue	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	6-8	2228	10715	Tue	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(RL)
HM01	8-8	0523	10860	Thu	Radio Habana Cuba. At 0526z HM01: 35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	8-8	2200	10715	Thu	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(RL)
HM01	9-8	0537	10860	Fri	35312 15052 41121 14758 40156 36255 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	10-8	0525	10860	Sat	35312 15052 41121 14758 40158 36256 (repeat of 22 July)	AM/WinDRM	(AB-USA)
HM01	11-8	0657	10345	Sun	31423 66133 60712 60281 73051 78165 Files 24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 87027816.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	12-8	0520	10860	Mon	31423 66133 60712 60281 73051 78165 (repeat of 11 August)	AM/WinDRM	(AB-USA)
HM01	13-8	0500	10860	Tue	31423 66133 60712 60281 73051 78165 (repeat of 11 August)	AM/WinDRM	(AB-USA)
HM01	14-8	0457	10860	Wed	31425 66135 60714 60283 73052 78167 Files 24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 87027816.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	15-8	0521	10860	Thu	31426 66136 60715 60284 73053 78168 Files 24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 87027816.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	16-8	0452	10860	Fri	Radio Habana Cuba, switched to HM01 at 0455z. 31427 66137 60716 60285 73054 55461 Files 24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 36105546.F1G Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	17-8	0520	10860	Sat	31428 66138 60717 60286 73055 55461 Files 24103142.TXT 65356613.TXT 36106071.F1G 04366028.TXT 36087305.F1G 36105546.F1G Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	18-8	0530	10860	Sun	34351 03081 60718 60287 73056 55462 Files 34863435.TXT 36800380.F1G 36106071.F1G 04366028.TXT 36087305.F1G 36105546.F1G Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	19-8	0527	10860	Mon	34352 03082 44371 60289 73058 55464 Files 34863435.TXT 36800380.F1G 38824437.TXT 04366028.TXT 36087305.F1G 36105546.F1G Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	20-8	0510	10860	Tue	35313 15053 41122 85051 40157 36256 Files 78273625.TXT 18061505.TXT 11424112.TXT 50818505.F1C 06084015.TXT 78273625.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	21-8	0820	10345	Wed	35314 15054 41123 85051 35461 36257 Files 78273625.TXT 18061505.TXT 11424112.TXT 50818505.F1C 60853546.TXT 78273625.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	22-8	0510	10860	Thu	35315 15055 41124 85052 35461 36258 Files 78273625.TXT 18061505.TXT 11424112.TXT	AM/WinDRM	(AB-USA)

					50818505.F1C 60853546.TXT 78273625.TXT Callsign QWERTY01		
HM01	23-8	0529	10860	Fri	35316 15056 41125 85053 35462 36259 Files 78273625.TXT 18061505.TXT 11424112.TXT 50818505.F1C 60853546.TXT 78273625.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
M01	1-8	1800	5280	Thu	025 701 701 30 30 = = largely unreadable	CW	(AB)
M01	1-8	2000	4903	Thu	025 381 381 30 30 = = (poor signal)	CW	(AB-S)
M01	3-8	0717	9736	Sat	475 131 131 50 50 05217 26732 19303 ... 76379 98731 22146 = = 131 131 50 50 000	USB/CW	(PY)
M01	3-8	1500	6435	Sat	025 712 712 30 30 = = 84730 92817 26354 ... 83726 72834 83726 = = 712 712 30 30 000	CW	(AB-POL)
M01	4-8	0700	6780	Sun	025 ... (too weak to copy)	CW	(AB-S)
M01	10-8	1500	6435	Sat	025 771 771 30 30 = = 39847 50968 14233 ... 68798 49900 57767 = = 771 771 30 30 000	CW	(AB-POL)
M01	11-8	0700	6780	Sun	025 ... (too weak to copy)	CW	(AB-S)
M01	13-8	1800	5280	Tue	025 948 948 30 30 = = 87960 75880 74830 ... 76508 89423 23400 = = 948 948 30 30 000	CW	(AB-POL)
M01	13-8	2000	4903	Tue	025 779 779 30 30 = = 75840 64739 75783 ... 78981 43213 47811 = = 779 779 30 30 000	CW	(AB-POL)
M01	15-8	1800	5280	Thu	025 889 889 30 30 = = 75621 12340 76855 ... 63311 64320 76849 = = 889 889 30 30 000	CW	(AB-S)
M01	17-8	1500	6435	Sat	025 639 639 30 30 = = 75648 55235 00123 ... 88112 99233 11043 = = 639 639 30 30 000	CW	(AB-S)
M01	18-8	0700	6780	Sun	VVV at 0656z. 025 195 195 30 30 = = 76849 56673 12238 ... 32845 34567 23998 = = 195 195 30 30 000	CW	(AB-S)
M01	20-8	1800	5280	Tue	025 162 162 30 30 = = 84533 66331 99342 ... 88321 99342 77123 = = 162 162 30 30 000	CW	(AB-POL)
M01	22-8	1800	5280	Thu	025 153 153 30 30 = = 52749 ...	CW	(AB-S)
M01	22-8	2000	4903	Thu	025 298 298 30 30 = = 52748 90805 41782 ... 681 62530 6530 = 28 98 30 30 0	CW	(AB)
M01	24-8	1500	6435	Sat	025 163 163 30 30 = = 65489 99738 34521 ... 65472 42365 57722 = = 163 163 30 30 000	CW	(AB-S)
M01	25-8	0700	6780	Sun	025 495 495 30 30 = = 64758 66231 88342 ... 77342 74566 99435 = = 495 495 30 30 000	CW	(AB-S)
M01	25-8	0715	9736	Sun	VVVV 475 213 213 50 50 = = 83919 92079 43182 ... 87537 52404 00360 60160 213 213 50 50 = = 000 The whole message was sent as one long string.	USB/CW	(PY)
M01	27-8	1800	5280	Tue	025 611 611 30 30 = = 48392 57083 92817 ... 36574 89102 01928 = = 611 611 30 30 000	CW	(AB-S)
M01	27-8	2000	4903	Tue	025 960 960 30 30 = = 38902 83918 74059 ... 12837 29181 12834 = = 960 960 30 30 000	CW	(AB)
M01	29-8	1800	5280	Thu	025 382 382 30 30 = = 28493 12378 56478 ... 72834 38475 48372 = = 382 382 30 30 000	CW	(AB-S)
M01	29-8	2000	4903	Thu	025 610 610 30 30 = = 39281 74938 02918 ... 28128 26743 90594 = = 610 610 30 30 000	CW	(AB)
M01	31-8	1500	6435	Sat	025 257 257 30 30 = = 25389 51627 74524 ... 42904 52712 89036 = = 257 257 30 30 000	CW	(AB-S)
M12	1-8	0300	14975	Thu	984:98 984 1 ...	CW	(HFD-J)
M12	1-8	0320	13875	Thu	984:98 984 1 ...	CW	(HFD-J)
M12	1-8	0340	13475	Thu	984:98 984 1 ...	CW	(HFD-J)
M12	1-8	1800	11435	Thu	938 938 938 1 3138 77 3138 77 83971 30773 59164 ... 73807 49338 76129 000 000	CW	(AB)
M12	1-8	1820	10598	Thu	938 938 938 1 3138 77 3138 77 83971 30773 59164 ... 73807 49338 76129 000 000	CW	(AB)
M12	1-8	1840	9327	Thu	938 938 938 1 3138 77 3138 77 83971 30773 59164 ... 73807 49338 76129 000 000	CW	(AB)
M12	1-8	2000	12148	Thu	374 374 374 1 589 79 589 79 81020 43440 41352 ... 36692 81801 04218 000 000	CW	(AB/RL/HFD)
M12	1-8	2020	10648	Thu	374 374 374 1 589 79 589 79 81020 43440 41352 ... 36692 81801 04218 000 000	CW	(AB/RL/HFD)
M12	1-8	2040	9148	Thu	374 374 374 1 589 79 589 79 81020 43440 41352 ... 36692 81801 04218 000 000	CW	(AB/RL/HFD)
M12	2-8	0210	12163	Fri	114 114 114 1 ...	CW	(HFD-J)
M12	2-8	0230	11163	Fri	114 114 114 1 ...	CW	(HFD-J)
M12	2-8	0250	10463	Fri	114 114 114 1 ...	CW	(HFD-J)
M12	2-8	1900	15931	Fri	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB/RL/HFD)
M12	2-8	1920	14831	Fri	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB/RL/HFD)

M12	2-8	1940	13531	Fri	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB/RL/HFD)
M12	2-8	2100	10314	Fri	310 310 310 1 2239 131 2239 131 09641 31662 79266 ... 11551 81366 77939 000 000	CW	(AB/RL/HFD)
M12	2-8	2120	9114	Fri	310 310 310 1 2239 131 2239 131 09641 31662 79266 ... 11551 81366 77939 000 000	CW	(AB/RL/HFD)
M12	2-8	2140	8014	Fri	310 310 310 1 2239 131 2239 131 09641 31662 79266 ... 11551 81366 77939 000 000	CW	(AB/RL/HFD)
M12	3-8	2100	10314	Sat	310 310 310 1 2239 131 2239 131 09641 31662 79266 ... 11551 81366 77939 000 000	CW	(AB)
M12	3-8	2120	9114	Sat	310 310 310 1 2239 131 2239 131 09641 31662 79266 ... 11551 81366 77939 000 000	CW	(AB)
M12	3-8	2140	8014	Sat	310 310 310 1 2239 131 2239 131 09641 31662 79266 ... 11551 81366 77939 000 000	CW	(AB)
M12	4-8	2310	14408	Sun	442 442 442 1 9301 115 9301 115 68295 51195 62657 ... 86939 75364 37730 000 000	CW	(PY/HFD)
M12	4-8	2330	13408	Sun	442 442 442 1 9301 115 9301 115 68295 51195 62657 ... 86939 75364 37730 000 000	CW	(PY/HFD)
M12	4-8	2350	12203	Sun	442 442 442 1 9301 115 9301 115 68295 51195 62657 ... 86939 75364 37730 000 000	CW	(PY/HFD)
M12	5-8	2000	12148	Mon	374 374 374 000	CW	(AB/RL)
M12	5-8	2020	10648	Mon	374 374 374 000	CW	(AB/RL)
M12	6-8	1800	12162	Tue	546 546 546 1 7945 57 7945 57 21324 07483 48102 ... 71266 47017 95633 000 000	CW	(AB)
M12	6-8	1820	11566	Tue	546 546 546 1 7945 57 7945 57 21324 07483 48102 ... 71266 47017 95633 000 000	CW	(AB)
M12	6-8	1840	10711	Tue	546 546 546 1 7945 57 7945 57 21324 07483 48102 ... 71266 47017 95633 000 000	CW	(AB)
M12	7-8	1900	15931	Wed	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB)
M12	7-8	1920	14831	Wed	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB)
M12	7-8	1940	13531	Wed	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB)
M12	8-8	1800	11435	Thu	938 938 938 1 3164 77 3164 77 07996 25941 75593 ...	CW	(AB)
M12	8-8	1820	10598	Thu	938 938 938 1 3164 77 3164 77 07996 25941 75593 ...	CW	(AB)
M12	8-8	1840	9327	Thu	938 938 938 1 3164 77 3164 77 07996 25941 75593 ...	CW	(AB)
M12	8-8	2000	12148	Thu	374 374 374 000	CW	(AB/RL)
M12	8-8	2020	10648	Thu	374 374 374 000	CW	(AB/RL)
M12	8-8	2310	14408	Thu	442 442 442 000	CW	(RL)
M12	8-8	2330	13408	Thu	442 442 442 000	CW	(RL)
M12	9-8	1900	15931	Fri	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB)
M12	9-8	1920	14831	Fri	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB)
M12	9-8	1940	13531	Fri	985 985 985 1 4362 187 4362 187 187 71125 51908 50794 ... 13843 31887 09931 000 000	CW	(AB)
M12	9-8	2100	10314	Fri	310 310 310 000	CW	(AB)
M12	9-8	2120	9114	Fri	310 310 310 000	CW	(AB)
M12	10-8	2100	10314	Sat	310 310 310 000	CW	(AB)
M12	10-8	2120	9114	Sat	310 310 310 000	CW	(AB)
M12	12-8	2000	12148	Mon	374 374 374 1 7574 61 7574 61 44707 52583 95178 ... 14419 92007 81837 000 000	CW	(AB)
M12	12-8	2020	10648	Mon	374 374 374 1 7574 61 7574 61 44707 52583 95178 ... 14419 92007 81837 000 000	CW	(AB)
M12	12-8	2040	9148	Mon	374 374 374 1 7574 61 7574 61 44707 52583 95178 ... 14419 92007 81837 000 000	CW	(AB)
M12	13-8	1100	11519	Tue	289 289 289 1 5371 56 5371 56 25982 04056 44689 ... 97059 24490 11898 000 000	CW	(AB)
M12	13-8	1120	12194	Tue	289 289 289 1 5371 56 5371 56 25982 04056 44689 ... 97059 24490 11898 000 000	CW	(AB)
M12	13-8	1140	13407	Tue	289 289 289 1 5371 56 5371 56 25982 04056 44689 ... 97059 24490 11898 000 000	CW	(AB)
M12	14-8	1900	15931	Wed	985 985 985 000	CW	(AB)
M12	14-8	1920	14831	Wed	985 985 985 000	CW	(AB)
M12	15-8	1800	11435	Thu	938 938 938 1 8805 75 8805 75 12874 24167 10413 ... 45773 63508 68171 000 000	CW	(AB)
M12	15-8	1820	10598	Thu	938 938 938 1 8805 75 8805 75 12874 24167 10413 ... 45773 63508 68171 000 000	CW	(AB)

M12	15-8	1840	9327	Thu	938 938 938 1 8805 75 8805 75 12874 24167 10413 ... 45773 63508 68171 000 000	CW	(AB)
M12	15-8	2000	12148	Thu	374 374 374 1 7574 61 7574 61 44707 52583 95178 ... 14419 92007 81837 000 000	CW	(AB)
M12	15-8	2020	10648	Thu	374 374 374 1 7574 61 7574 61 44707 52583 95178 ... 14419 92007 81837 000 000	CW	(AB)
M12	15-8	2040	9148	Thu	374 374 374 1 7574 61 7574 61 44707 52583 95178 ... 14419 92007 81837 000 000	CW	(AB)
M12	16-8	1900	15931	Fri	985 985 985 000	CW	(AB)
M12	16-8	1920	14831	Fri	985 985 985 000	CW	(AB)
M12	16-8	2100	10314	Fri	310 310 310 000	CW	(AB)
M12	16-8	2120	9114	Fri	310 310 310 000	CW	(AB)
M12	17-8	2100	10314	Sat	310 310 310 000	CW	(AB)
M12	17-8	2120	9114	Sat	310 310 310 000	CW	(AB)
M12	19-8	2000	12148	Mon	374 374 374 000	CW	(AB)
M12	19-8	2020	10648	Mon	374 374 374 000	CW	(AB)
M12	20-8	1100	11519	Tue	289 289 289 1 7784 56 7784 56 54042 94690 10046 ... 12332 94712 92116 000 000	CW	(AB)
M12	20-8	1120	12194	Tue	289 289 289 1 7784 56 7784 56 54042 94690 10046 ... 12332 94712 92116 000 000	CW	(AB)
M12	20-8	1140	13407	Tue	289 289 289 1 7784 56 7784 56 54042 94690 10046 ... 12332 94712 92116 000 000	CW	(AB)
M12	21-8	1900	15931	Wed	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	21-8	1920	14831	Wed	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	21-8	1940	13531	Wed	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	22-8	1800	11435	Thu	938 938 938 1 7517 78 7517 78 38286 83571 44849 ... 03869 58956 27135 000 000	CW	(AB)
M12	22-8	1820	10598	Thu	938 938 938 1 7517 78 7517 78 38286 83571 44849 ... 03869 58956 27135 000 000	CW	(AB)
M12	22-8	1840	9327	Thu	938 938 938 1 7517 78 7517 78 38286 83571 44849 ... 03869 58956 27135 000 000	CW	(AB)
M12	22-8	2000	12148	Thu	374 374 374 000	CW	(AB)
M12	22-8	2020	10648	Thu	374 374 374 000	CW	(AB)
M12	23-8	1900	15931	Fri	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	23-8	1920	14831	Fri	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	23-8	1940	13531	Fri	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	23-8	2100	10314	Fri	310 310 310 000	CW	(AB)
M12	23-8	2120	9114	Fri	310 310 310 000	CW	(AB)
M12	24-8	2100	10314	Sat	310 310 310 000	CW	(AB)
M12	24-8	2120	9114	Sat	310 310 310 000	CW	(AB)
M12	26-8	2000	12148	Mon	374 374 374 1 974 84 974 84 82122 63520 36037 ... 12841 83572 90714 000 000	CW	(AB)
M12	26-8	2020	10648	Mon	374 374 374 1 974 84 974 84 82122 63520 36037 ... 12841 83572 90714 000 000	CW	(AB)
M12	26-8	2040	9148	Mon	374 374 374 1 974 84 974 84 82122 63520 36037 ... 12841 83572 90714 000 000	CW	(AB)
M12	27-8	1100	11519	Tue	289 289 289 1 1958 55 1958 55 17670 88098 24849 ... 42951 43384 38460 000 000	CW	(AB)
M12	27-8	1120	12194	Tue	289 289 289 1 1958 55 1958 55 17670 88098 24849 ... 42951 43384 38460 000 000	CW	(AB)
M12	27-8	1140	13407	Tue	289 289 289 1 1958 55 1958 55 17670 88098 24849 ... 42951 43384 38460 000 000	CW	(AB)
M12	28-8	1900	15931	Wed	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	28-8	1920	14831	Wed	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	28-8	1940	13531	Wed	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	29-8	1800	11435	Thu	938 938 938 1 5824 76 5824 76 03855 92982 41757 ... 73572 45171 44537 000 000	CW	(AB)
M12	29-8	1820	10598	Thu	938 938 938 1 5824 76 5824 76 03855 92982 41757 ... 73572 45171 44537 000 000	CW	(AB)
M12	29-8	1840	9327	Thu	938 938 938 1 5824 76 5824 76 03855 92982 41757 ... 73572 45171 44537 000 000	CW	(AB)

M12	29-8	2000	12148	Thu	374 374 374 1 974 84 974 84 82122 63520 36037 ... 12841 83572 90714 000 000	CW	(AB)
M12	29-8	2020	10648	Thu	374 374 374 1 974 84 974 84 82122 63520 36037 ... 12841 83572 90714 000 000	CW	(AB)
M12	29-8	2040	9148	Thu	374 374 374 1 974 84 974 84 82122 63520 36037 ... 12841 83572 90714 000 000	CW	(AB)
M12	30-8	1900	15931	Fri	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	30-8	1920	14831	Fri	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	30-8	1940	13531	Fri	985 985 985 1 5019 129 5019 129 72355 53425 42878 ... 82303 72636 79817 000 000	CW	(AB)
M12	30-8	2100	10314	Fri	310 310 310 000	CW	(AB)
M12	30-8	2120	9114	Fri	310 310 310 000	CW	(AB)
M12	31-8	2100	10314	Sat	310 310 310 000	CW	(AB)
M12	31-8	2120	9114	Sat	310 310 310 000	CW	(AB)
M14	1-8	0500	12211	Thu	952 170 170 50 50 = = 92350 00308 04659 ... 78329 33675 85027 = = 192 192 50 50 00000	CW	(AB-J)
M14	1-8	0520	10243	Thu	952 170 170 50 50 = = 92350 00308 04659 ... 78329 33675 85027 = = 192 192 50 50 00000	CW	(AB-J)
M14	2-8	0500	12211	Fri	No transmission	CW	(AB-J)
M14	2-8	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
M14	5-8	0500	12211	Mon	952 634 634 58 58 = = 29774 87768 91195 ... 07174 14552 14334 = = 634 634 58 58 00000	CW	(AB)
M14	5-8	0520	10243	Mon	952 634 634 58 58 = = 29774 87768 91195 ... 07174 14552 14334 = = 634 634 58 58 00000	CW	(AB)
M14	6-8	0500	12211	Tue	952 634 634 58 58 = = 29774 87768 91195 ... 07174 14552 14334 = = 634 634 58 58 00000	CW	(AB)
M14	6-8	0520	10243	Tue	952 634 634 58 58 = = 29774 87768 91195 ... 07174 14552 14334 = = 634 634 58 58 00000	CW	(AB)
M14	7-8	0500	12211	Wed	952 870 30 = 90850 05976 45364 ... 80222 69691 20071 = 870 30 Off after the first message	CW	(AB-J)
M14	7-8	0520	10243	Wed	952 870 30 = 90850 05976 45364 ... 80222 69691 20071 = 870 30 952 361 24 = 79162 72077 13639 ... 36594 76191 99581 = = 361 24 00000	CW	(AB-J)
M14	8-8	0500	12211	Thu	952 361 24 = 79162 72077 13639 ... 36594 76191 99581 = = 361 24 952 870 30 = 90850 05976 45364 ... 80222 69691 20071 = = 870 30 00000	CW	(AB-J)
M14	8-8	0520	10243	Thu	952 361 24 = 79162 72077 13639 ... 36594 76191 99581 = = 361 24 952 870 30 = 90850 05976 45364 ... 80222 69691 20071 = = 870 30 00000	CW	(AB-J)
M14	9-8	0500	12211	Fri	952 952 952 00000	CW	(AB-J)
M14	9-8	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
M14	12-8	0500	12211	Mon	Unmodulated carrier at 0508z. Off at 0517z	CW	(AB)
M14	12-8	0520	10243	Mon	Unmodulated carrier at 0517z. Off at 0540z	CW	(AB)
M14	13-8	0500	12211	Tue	952 478 478 52 52 = = 56584 52981 63515 ... 68833 15504 26191 = = 478 478 52 52 00000	CW	(AB)
M14	13-8	0520	10243	Tue	952 478 478 52 52 = = 56584 52981 63515 ... 68833 15504 26191 = = 478 478 52 52 00000	CW	(AB)
M14	14-8	0500	12211	Wed	952 163 29 = 49011 33709 52321 ... 44398 37639 88714 = 163 29 Off after the first message	CW	(AB-J)
M14	14-8	0520	10243	Wed	952 163 29 = 49011 33709 52321 ... 44398 37639 88714 = 163 29 952 708 25 = 02221 59510 23711 ... 36568 72599 92057 = 708 25 00000	CW	(AB-J)
M14	15-8	0500	12211	Thu	952 163 29 = 49011 33709 52321 ... 44398 37639 88714 = 163 29 952 708 25 = 02221 59510 23711 ... 36568 72599 92057 = 708 25 00000	CW	(AB-J)
M14	15-8	0525	10243	Thu	952 163 29 = 49011 33709 52321 ... 44398 37639 88714 = 163 29 952 708 25 = 02221 59510 23711 ... 36568 72599 92057 = 708 25 00000. Late start	CW	(AB-J)
M14	16-8	0500	12211	Fri	952 952 952 00000	CW	(AB-J)
M14	16-8	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
M14	19-8	0500	12211	Mon	952 614 614 53 53 = = 47197 35148 82664 ... 58826 93272 24697 = = 614 614 53 53 00000	CW	(AB)
M14	19-8	0520	10243	Mon	952 614 614 53 53 = = 47197 35148 82664 ... 58826 93272 24697 = = 614 614 53 53 00000	CW	(AB)

M14	20-8	0503	12211	Tue	952 614 614 53 53 = = 47197 35148 82664 ... 58826 93272 24697 = = 614 614 53 53 00000 Late start	CW	(AB)
M14	20-8	0520	10243	Tue	952 614 614 53 53 = = 47197 35148 82664 ... 58826 93272 24697 = = 614 614 53 53 00000	CW	(AB)
M14	21-8	0500	12211	Wed	952 380 23 = 27368 83200 05544 ... 93744 07042 96954 = = 380 23 952 471 24 = 03739 91350 48712 ... 02193 08155 48598 = = 471 24 00000	CW	(AB-J)
M14	21-8	0520	12211	Wed	952 (R4) off	CW	(AB-J)
M14	22-8	0500	12211	Thu	952 380 23 = 27368 83200 05544 ... 93744 07042 96954 = = 380 23 952 471 24 = 03739 91350 48712 ... 02193 08155 48598 = = 471 24 00000	CW	(AB-J)
M14	22-8	0525	10243	Thu	952 380 23 = 27368 83200 05544 ... 93744 07042 96954 = = 380 23 952 471 24 = 03739 91350 48712 ... 02193 08155 48598 = = 471 24 00000	CW	(AB-J)
M14	23-8	0501	12211	Fri	952 952 952 00000	FSK CW	(AB-J)
M14	23-8	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
M14	26-8	0500	12211	Mon	952 863 863 54 54 = = 54392 31461 57971 ... 28648 29148 15350 = = 863 863 54 54 00000	CW	(AB)
M14	26-8	0520	10243	Mon	952 863 863 54 54 = = 54392 31461 57971 ... 28648 29148 15350 = = 863 863 54 54 00000	CW	(AB)
M14	27-8	0503	12211	Tue	952 863 863 54 54 = = 54392 31461 57971 ... 28648 29148 15350 = = 863 863 54 54 00000	CW	(AB)
M14	27-8	0520	10243	Tue	952 863 863 54 54 = = 54392 31461 57971 ... 28648 29148 15350 = = 863 863 54 54 00000	CW	(AB)
M14	28-8	0500	12211	Wed	952 701 25 = 71948 98249 09415 ... 20211 52326 90539 = 701 25 952 463 27 = 02837 14009 04358 ... 55223 74320 41742 = 463 27 00000	CW	(AB-J)
M14	28-8	0520	12211	Wed	952 701 25 = 71948 98249 09415 ... 20211 52326 90539 = 701 25 952 463 27 = 02837 14009 04358 ... 55223 74320 41742 = 463 27 00000	CW	(AB-J)
M14	29-8	0500	12211	Thu	952 463 27 = 02837 14009 04358 ... 55223 74320 41742 = 463 27 952 701 25 = 71948 98249 09415 ... 20211 52326 90539 = 701 25 00000	CW	(AB-J)
M14	29-8	0525	10243	Thu	952 463 27 = 02837 14009 04358 ... 55223 74320 41742 = 463 27 952 701 25 = 71948 98249 09415 ... 20211 52326 90539 = 701 25 00000	CW	(AB-J)
M14	30-8	0501	12211	Fri	952 952 952 00000	FSK CW	(AB-J)
M14	30-8	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
M42	2-8	0841	18736	Fri	Russian diplo	MFSK-66	(AB)
M42	2-8	1007	18324	Fri	Russian diplo. Selcal	Serdolik v2	(AB)
M42	2-8	1009	18322	Fri	Russian diplo	Serdolik	(AB)
M42	2-8	1009	18322	Fri	Russian diplo	Serdolik	(AB)
M42	2-8	1013	18324	Fri	Russian diplo. Selcal	Serdolik v2	(AB)
M42	12-8	0912	18060	Mon	Russian diplo. Selcal	Serdolik v2	(AB)
M42	15-8	0721	21824	Thu	Russian diplo	Serdolik v2	(RO)
M42	15-8	0725	21824	Thu	Russian diplo	Serdolik v2	(RO)
M42	15-8	0729	21824	Thu	Russian diplo	Serdolik v2	(RO)
M42	15-8	0732	21824	Thu	Russian diplo	Serdolik v2	(RO)
M42	15-8	0932	20844	Thu	Russian diplo	MFSK-66	(RO)
M42	18-8	0650	13491	Sun	Russian diplo	MFSK-66	(RO)
M42	19-8	0735	13520	Mon	Russian diplo	MFSK-66	(RO)
M42	19-8	0746	12148	Mon	Russian diplo	MFSK-66	(RO)
M42	21-8	1531	9102	Wed	Russian diplo	Serdolik v2	(T101)
M42	21-8	1548	12184	Wed	Russian diplo. Selcal	Serdolik v2	(linkz)

M42	23-8	1031	17433	Fri	Russian diplo	MFSK-66	(linkz)
M42	26-8	0838	17466	Mon	Russian diplo	Serdolik v2	(RO)
M42	27-8	1008	20805	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	27-8	1018	20815	Tue	Russian diplo	Serdolik v2	(RO)
M42	27-8	1027	20815	Tue	Russian diplo	Serdolik v2	(RO)
M42	28-8	1202	14656	Wed	Russian diplo	Serdolik v2	(T101)
M42	28-8	1208	17476	Wed	Russian diplo	Serdolik v2	(T101)
P03	2-8	0530	10448	Fri	Polish intel.	PSK	(AB)
P03	2-8	0535	10448	Fri	Polish intel.	PSK	(AB)
P03	2-8	1100	9963	Fri	Polish intel.	PSK	(AB)
P03	2-8	1105	9963	Fri	Polish intel.	PSK	(AB)
P03	2-8	1500	9049	Fri	Polish intel.	PSK	(AB)
P03	2-8	1505	9049	Fri	Polish intel.	PSK	(AB)
P03	2-8	1515	21906	Fri	Polish intel.	PSK	(AB)
P03	2-8	1520	21906	Fri	Polish intel.	PSK	(AB)
P03	3-8	1020	7840	Sat	Polish intel.	PSK	(AB)
P03	3-8	1025	7840	Sat	Polish intel.	PSK	(AB)
P03	3-8	1245	6480	Sat	Polish intel.	PSK	(AB)
P03	3-8	1250	6480	Sat	Polish intel.	PSK	(AB)
P03	4-8	1020	7840	Sun	Polish intel.	PSK	(AB)
P03	4-8	1025	7840	Sun	Polish intel.	PSK	(AB)
P03	4-8	1100	9963	Sun	Polish intel.	PSK	(AB)
P03	4-8	1105	9963	Sun	Polish intel.	PSK	(AB)
P03	4-8	1220	19515	Sun	Polish intel.	PSK	(AB)
P03	4-8	1225	19515	Sun	Polish intel.	PSK	(AB)
P03	4-8	1245	6480	Sun	Polish intel.	PSK	(AB)
P03	4-8	1250	6480	Sun	Polish intel.	PSK	(AB)
P03	4-8	1515	21906	Sun	Polish intel.	PSK	(AB)
P03	4-8	1520	21906	Sun	Polish intel.	PSK	(AB)
P03	4-8	1725	14795	Sun	Polish intel.	PSK	(AB)
P03	4-8	1730	14795	Sun	Polish intel.	PSK	(AB)
P03	6-8	1725	14759	Tue	Polish intel.	PSK	(AB)
P03	6-8	1730	14759	Tue	Polish intel.	PSK	(AB)
P03	7-8	1310	11103	Wed	Polish intel.	PSK	(AB)
P03	7-8	1315	11103	Wed	Polish intel.	PSK	(AB)
P03	8-8	1950	8456	Thu	Polish intel.	PSK	(AB)
P03	8-8	1955	8456	Thu	Polish intel.	PSK	(AB)
P03	9-8	0530	10448	Fri	Polish intel.	PSK	(AB)
P03	9-8	0535	10448	Fri	Polish intel.	PSK	(AB)
P03	9-8	1500	9049	Fri	Polish intel.	PSK	(AB)
P03	9-8	1505	9049	Fri	Polish intel.	PSK	(AB)
P03	10-8	1020	7840	Sat	Polish intel.	PSK	(AB)

P03	10-8	1025	7840	Sat	Polish intel.	PSK	(AB)
P03	10-8	1245	6480	Sat	Polish intel.	PSK	(AB)
P03	10-8	1250	6480	Sat	Polish intel.	PSK	(AB)
P03	11-8	0530	10448	Sun	Polish intel.	PSK	(AB)
P03	11-8	0535	10448	Sun	Polish intel.	PSK	(AB)
P03	11-8	1020	7840	Sun	Polish intel.	PSK	(AB)
P03	11-8	1025	7840	Sun	Polish intel.	PSK	(AB)
P03	11-8	1100	9963	Sun	Polish intel.	PSK	(AB)
P03	11-8	1105	9963	Sun	Polish intel.	PSK	(AB)
P03	11-8	1220	19515	Sun	Polish intel.	PSK	(AB)
P03	11-8	1225	19515	Sun	Polish intel.	PSK	(AB)
P03	11-8	1245	6480	Sun	Polish intel.	PSK	(AB)
P03	11-8	1250	6480	Sun	Polish intel.	PSK	(AB)
P03	11-8	1515	21906	Sun	Polish intel.	PSK	(AB)
P03	11-8	1520	21906	Sun	Polish intel.	PSK	(AB)
P03	11-8	1725	14795	Sun	Polish intel.	PSK	(AB)
P03	11-8	1730	14795	Sun	Polish intel.	PSK	(AB)
P03	11-8	1950	8456	Sun	Polish intel.	PSK	(AB)
P03	11-8	1955	8456	Sun	Polish intel.	PSK	(AB)
P03	13-8	1500	9049	Tue	Polish intel.	PSK	(AB)
P03	13-8	1505	9049	Tue	Polish intel.	PSK	(AB)
P03	13-8	1725	14759	Tue	Polish intel.	PSK	(AB)
P03	13-8	1730	14759	Tue	Polish intel.	PSK	(AB)
P03	14-8	1310	11103	Wed	Polish intel.	PSK	(AB)
P03	14-8	1315	11103	Wed	Polish intel.	PSK	(AB)
P03	15-8	1950	8456	Thu	Polish intel.	PSK	(AB)
P03	15-8	1955	8456	Thu	Polish intel.	PSK	(AB)
P03	16-8	0530	10448	Fri	Polish intel.	PSK	(AB)
P03	16-8	0535	10448	Fri	Polish intel.	PSK	(AB)
P03	16-8	1500	9049	Fri	Polish intel.	PSK	(AB)
P03	16-8	1505	9049	Fri	Polish intel.	PSK	(AB)
P03	16-8	1515	21906	Fri	Polish intel.	PSK	(AB)
P03	16-8	1520	21906	Fri	Polish intel.	PSK	(AB)
P03	17-8	1020	7840	Sat	Polish intel.	PSK	(AB)
P03	17-8	1025	7840	Sat	Polish intel.	PSK	(AB)
P03	17-8	1245	6480	Sat	Polish intel.	PSK	(AB)
P03	17-8	1250	6480	Sat	Polish intel.	PSK	(AB)
P03	17-8	1310	11103	Sat	Polish intel.	PSK	(AB)
P03	17-8	1315	11103	Sat	Polish intel.	PSK	(AB)
P03	18-8	0530	10448	Sun	Polish intel.	PSK	(AB)
P03	18-8	0535	10448	Sun	Polish intel.	PSK	(AB)
P03	18-8	1020	7840	Sun	Polish intel.	PSK	(AB)

P03	18-8	1025	7840	Sun	Polish intel.	PSK	(AB)
P03	18-8	1100	9963	Sun	Polish intel.	PSK	(AB)
P03	18-8	1105	9963	Sun	Polish intel.	PSK	(AB)
P03	18-8	1220	19515	Sun	Polish intel.	PSK	(AB)
P03	18-8	1225	19515	Sun	Polish intel.	PSK	(AB)
P03	18-8	1245	6480	Sun	Polish intel.	PSK	(AB)
P03	18-8	1250	6480	Sun	Polish intel.	PSK	(AB)
P03	18-8	1515	21906	Sun	Polish intel.	PSK	(AB-POL)
P03	18-8	1520	21906	Sun	Polish intel.	PSK	(AB-POL)
P03	18-8	1725	14795	Sun	Polish intel.	PSK	(AB)
P03	18-8	1730	14795	Sun	Polish intel.	PSK	(AB)
P03	18-8	1950	8456	Sun	Polish intel.	PSK	(AB)
P03	18-8	1955	8456	Sun	Polish intel.	PSK	(AB)
P03	20-8	1500	9049	Tue	Polish intel.	PSK	(AB)
P03	20-8	1505	9049	Tue	Polish intel.	PSK	(AB)
P03	21-8	1310	11103	Wed	Polish intel.	PSK	(AB)
P03	21-8	1315	11103	Wed	Polish intel.	PSK	(AB)
P03	22-8	1950	8456	Thu	Polish intel.	PSK	(AB)
P03	22-8	1955	8456	Thu	Polish intel.	PSK	(AB)
P03	23-8	0530	10448	Fri	Polish intel.	PSK	(AB)
P03	23-8	0535	10448	Fri	Polish intel.	PSK	(AB)
P03	23-8	1500	9049	Fri	Polish intel.	PSK	(AB)
P03	23-8	1505	9049	Fri	Polish intel.	PSK	(AB)
P03	23-8	1515	21906	Fri	Polish intel.	PSK	(AB)
P03	23-8	1520	21906	Fri	Polish intel.	PSK	(AB)
P03	24-8	1020	7840	Sat	Polish intel.	PSK	(AB)
P03	24-8	1025	7840	Sat	Polish intel.	PSK	(AB)
P03	24-8	1245	6480	Sat	Polish intel.	PSK	(AB)
P03	24-8	1250	6480	Sat	Polish intel.	PSK	(AB)
P03	24-8	1310	11103	Sat	Polish intel.	PSK	(AB)
P03	24-8	1315	11103	Sat	Polish intel.	PSK	(AB)
P03	25-8	0530	10448	Sun	Polish intel.	PSK	(AB)
P03	25-8	0535	10448	Sun	Polish intel.	PSK	(AB)
P03	25-8	1020	7840	Sun	Polish intel.	PSK	(AB)
P03	25-8	1025	7840	Sun	Polish intel.	PSK	(AB)
P03	25-8	1100	9963	Sun	Polish intel.	PSK	(AB)
P03	25-8	1105	9963	Sun	Polish intel.	PSK	(AB)
P03	25-8	1220	19515	Sun	Polish intel.	PSK	(AB)
P03	25-8	1225	19515	Sun	Polish intel.	PSK	(AB)
P03	25-8	1245	6480	Sun	Polish intel.	PSK	(AB)
P03	25-8	1250	6480	Sun	Polish intel.	PSK	(AB)
P03	25-8	1515	21906	Sun	Polish intel.	PSK	(AB-POL)

P03	25-8	1520	21906	Sun	Polish intel.	PSK	(AB-POL)
P03	25-8	1725	14795	Sun	Polish intel.	PSK	(AB)
P03	25-8	1730	14795	Sun	Polish intel.	PSK	(AB)
P03	25-8	1950	8456	Sun	Polish intel.	PSK	(AB)
P03	25-8	1955	8456	Sun	Polish intel.	PSK	(AB)
P03	26-8	1220	19515	Mon	Polish intel.	PSK	(AB)
P03	26-8	1225	19515	Mon	Polish intel.	PSK	(AB)
P03	27-8	1500	9049	Tue	Polish intel.	PSK	(AB)
P03	27-8	1505	9049	Tue	Polish intel.	PSK	(AB)
P03	27-8	1725	14759	Tue	Polish intel.	PSK	(AB)
P03	27-8	1730	14759	Tue	Polish intel.	PSK	(AB)
P03	28-8	1310	11103	Wed	Polish intel.	PSK	(AB)
P03	28-8	1315	11103	Wed	Polish intel.	PSK	(AB)
P03	29-8	1950	8456	Thu	Polish intel.	PSK	(AB)
P03	29-8	1955	8456	Thu	Polish intel.	PSK	(AB)
P03	30-8	0530	10448	Fri	Polish intel.	PSK	(AB)
P03	30-8	0535	10448	Fri	Polish intel.	PSK	(AB)
P03	30-8	1500	9049	Fri	Polish intel.	PSK	(AB)
P03	30-8	1505	9049	Fri	Polish intel.	PSK	(AB)
P03	31-8	1020	7840	Sat	Polish intel.	PSK	(AB)
P03	31-8	1025	7840	Sat	Polish intel.	PSK	(AB)
P03	31-8	1245	6480	Sat	Polish intel.	PSK	(AB)
P03	31-8	1250	6480	Sat	Polish intel.	PSK	(AB)
P03	31-8	1310	11103	Sat	Polish intel.	PSK	(AB)
P03	31-8	1315	11103	Sat	Polish intel.	PSK	(AB)
P03g	5-8	1030	9339	Mon	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5-8	1035	9339	Mon	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7-8	1030	9339	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7-8	1035	9339	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	12-8	1030	9339	Mon	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	12-8	1035	9339	Mon	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	14-8	1030	9339	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	14-8	1035	9339	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	19-8	1030	9339	Mon	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	19-8	1035	9339	Mon	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	21-8	1030	9339	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	21-8	1035	9339	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	26-8	1030	9339	Mon	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	26-8	1035	9339	Mon	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	28-8	1030	9339	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	28-8	1035	9339	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03j	2-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)

P03j	2-8	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	5-8	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	5-8	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	7-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	7-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	7-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	7-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	9-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	9-8	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	12-8	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	12-8	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	14-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	14-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	14-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	14-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16-8	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	19-8	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	19-8	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	21-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	21-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	21-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	21-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-8	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	26-8	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	26-8	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	28-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	28-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	28-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	28-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-8	1321	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03k	3-8	0630	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-8	0635	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-8	1230	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-8	1235	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-8	1730	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-8	1735	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-8	0630	7772	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-8	0635	7772	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-8	1730	10210	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	7-8	1735	10210	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-8	0630	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-8	0635	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-8	1230	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-8	1235	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-8	1730	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-8	1735	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-8	0630	7772	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-8	0635	7772	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	1230	21906	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	1235	21906	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-8	0630	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-8	0635	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-8	1230	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-8	1235	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-8	1730	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-8	1735	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-8	0630	7772	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-8	0635	7772	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-8	1730	10210	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-8	1735	10210	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-8	0630	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-8	0635	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-8	1230	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-8	1235	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-8	1730	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-8	1735	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-8	0630	7772	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-8	0635	7772	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-8	1230	21906	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-8	1235	21906	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-8	1730	10210	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-8	1735	10210	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-8	0630	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-8	0635	7772	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-8	1230	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-8	1235	21906	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-8	1730	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-8	1735	10210	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03I	2-8	1345	11531	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	2-8	1350	11531	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5-8	1200	9371	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	5-8	1205	9371	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-8	1345	11531	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-8	1350	11531	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8-8	0635	19425	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8-8	0640	19425	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8-8	1200	9371	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8-8	1205	9371	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9-8	1345	11531	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9-8	1350	11531	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	12-8	1200	9371	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	12-8	1205	9371	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-8	0635	19425	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-8	0640	19425	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-8	1345	11531	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-8	1350	11531	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	15-8	0635	19425	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	15-8	0640	19425	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	15-8	1200	9371	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	15-8	1205	9371	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	16-8	1345	11531	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	16-8	1350	11531	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	19-8	1200	9371	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	19-8	1205	9371	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-8	0635	19425	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-8	0640	19425	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-8	1345	11531	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-8	1350	11531	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-8	0635	19425	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-8	0640	19425	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-8	1200	9371	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-8	1205	9371	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	23-8	1345	11531	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	23-8	1350	11531	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	26-8	1200	9371	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	26-8	1205	9371	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-8	0635	19425	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-8	0640	19425	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-8	1345	11531	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-8	1350	11531	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	29-8	0635	19425	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	29-8	0640	19425	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	29-8	1200	9371	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	29-8	1205	9371	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P07	4-8	1400	9214	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-8	1410	8187	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-8	1420	7534	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-8	1430	6782	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-8	1440	5899	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-8	1450	5184	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-8	1400	9214	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-8	1410	8187	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-8	1420	7534	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-8	1430	6782	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-8	1440	5899	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-8	1450	5184	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-8	1400	9214	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-8	1410	8187	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-8	1420	7534	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-8	1430	6782	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-8	1440	5899	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-8	1450	5184	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-8	1400	9214	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-8	1410	8187	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-8	1420	7534	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-8	1430	6782	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-8	1440	5899	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-8	1450	5184	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-8	1400	9214	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-8	1410	8187	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-8	1420	7534	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-8	1430	6782	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-8	1440	5899	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-8	1450	5184	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-8	1400	9214	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-8	1410	8187	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-8	1420	7534	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-8	1430	6782	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-8	1440	5899	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-8	1450	5184	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-8	1400	9214	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-8	1410	8187	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-8	1420	7534	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-8	1430	6782	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-8	1440	5899	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	25-8	1450	5184	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	28-8	1400	9214	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	28-8	1410	8187	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	28-8	1420	7534	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	28-8	1430	6782	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	28-8	1440	5899	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	28-8	1450	5184	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
S06	1-8	0400	11616	Thu	480 573 60 95775 91715 20145 ... 04731 87925 90340 573 60 00000	USB	(Subilo)
S06	1-8	0420	9322	Thu	480 573 60 95775 91715 20145 ... 04731 87925 90340 573 60 00000	USB	(Subilo)
S06	2-8	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
S06	2-8	0420	9322	Fri	480 480 480 00000	USB	(Subilo)
S06	2-8	1900	11149	Fri	842 842 842 00000	USB	(AB/HFD)
S06	2-8	2000	9205	Fri	842 842 842 00000	USB	(AB/HFD)
S06	5-8	0400	11616	Mon	480 629 51 24117 40828 36206 ... 74308 11960 73754 629 51 00000	USB	(Subilo)
S06	5-8	0420	9322	Mon	480 629 51 24117 40828 36206 ... 74308 11960 73754 629 51 00000	USB	(Subilo)
S06	6-8	0400	11616	Tue	480 629 51 24117 40828 36206 ... 74308 11960 73754 629 51 00000	USB	(Subilo)
S06	6-8	0420	9322	Tue	480 629 51 24117 40828 36206 ... 74308 11960 73754 629 51 00000	USB	(Subilo)
S06	7-8	0400	11616	Wed	480 315 27 61276 10812 35535 ... 90429 28778 49837 315 27 480 762 29 00814 68652 63122 ... 84113 73309 94928 762 29 00000	USB	(Subilo)
S06	7-8	0420	9322	Wed	480 315 27 61276 10812 35535 ... 90429 28778 49837 315 27 480 762 29 00814 68652 63122 ... 84113 73309 94928 762 29 00000	USB	(Subilo)
S06	8-8	0400	11616	Thu	480 315 27 61276 10812 35535 ... 90429 28778 49837 315 27 480 762 29 00814 68652 63122 ... 84113 73309 94928 762 29 00000	USB	(Subilo)
S06	8-8	0420	9322	Thu	480 315 27 61276 10812 35535 ... 90429 28778 49837 315 27 480 762 29 00814 68652 63122 ... 84113 73309 94928 762 29 00000	USB	(Subilo)
S06	9-8	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
S06	9-8	0420	9322	Fri	480 480 480 00000	USB	(Subilo)
S06	12-8	0400	11616	Mon	480 195 60 95476 09132 13771 ... 56014 25902 09667 195 60 00000	USB	(Subilo)
S06	12-8	0420	9322	Mon	480 195 60 95476 09132 13771 ... 56014 25902 09667 195 60 00000	USB	(Subilo)
S06	13-8	0400	11616	Tue	480 195 60 95476 09132 13771 ... 56014 25902 09667 195 60 00000	USB	(Subilo)
S06	13-8	0420	9322	Tue	480 195 60 95476 09132 13771 ... 56014 25902 09667 195 60 00000	USB	(Subilo)
S06	14-8	0400	11616	Wed	480 632 26 79756 65957 54817 ... 59919 57184 93762 632 26 480 571 30 34477 69936 85657 ... 17306 63543 14547 571 30 00000	USB	(Subilo)
S06	14-8	0420	9322	Wed	480 632 26 79756 65957 54817 ... 59919 57184 93762 632 26 480 571 30 34477 69936 85657 ... 17306 63543 14547 571 30 00000	USB	(Subilo)
S06	15-8	0400	11616	Thu	480 632 26 79756 65957 54817 ... 59919 57184 93762 632 26 480 571 30 34477 69936 85657 ... 17306 63543 14547 571 30 00000	USB	(Subilo)
S06	15-8	0420	9322	Thu	480 632 26 and 480 571 30	USB	(Lac)
S06	15-8	0420	9322	Thu	480 632 26 79756 65957 54817 ... 59919 57184 93762 632 26 480 571 30 34477 69936 85657 ... 17306 63543 14547 571 30 00000	USB	(Subilo)
S06	16-8	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
S06	16-8	0420	9322	Fri	480 480 480 00000	USB	(Subilo)

S06	16-8	1900	11149	Fri	842 842 842 00000	USB	(AB)
S06	16-8	2000	9205	Fri	842 842 842 00000	USB	(AB)
S06	19-8	0400	11616	Mon	480 923 51 62999 24998 95041 ... 82588 39800 28733 923 51 00000	USB	(Subilo)
S06	19-8	0420	9322	Mon	480 923 51 62999 24998 95041 ... 82588 39800 28733 923 51 00000	USB	(Subilo)
S06	20-8	0400	11616	Tue	480 923 51 62999 24998 95041 ... 82588 39800 28733 923 51 00000	USB	(Subilo)
S06	20-8	0420	9322	Tue	480 923 51 62999 24998 95041 ... 82588 39800 28733 923 51 00000	USB	(Subilo)
S06	21-8	0400	11616	Wed	480 291 48 47382 99250 21776 ... 19681 66039 80560 291 48 480 765 11 18523 84617 89575 ... 51043 75961 92163 765 11 00000	USB	(Subilo)
S06	21-8	0420	9322	Wed	480 291 48 47382 99250 21776 ... 19681 66039 80560 291 48 480 765 11 18523 84617 89575 ... 51043 75961 92163 765 11 00000	USB	(Subilo)
S06	22-8	0400	11616	Thu	480 765 11 and 480 291 48	USB	(Lac)
S06	22-8	0400	11616	Thu	480 765 11 18523 84617 89575 ... 51043 75961 92163 765 11 480 291 48 47382 99250 21776 ... 19681 66039 80560 291 48 00000	USB	(Subilo)
S06	22-8	0420	9322	Thu	480 765 11 and 480 291 48	USB	(Lac)
S06	22-8	0420	9322	Thu	480 765 11 18523 84617 89575 ... 51043 75961 92163 765 11 480 291 48 47382 99250 21776 ... 19681 66039 80560 291 48 00000	USB	(Subilo)
S06	23-8	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
S06	23-8	0420	9322	Fri	480 480 480 00000	USB	(Subilo)
S06	26-8	0400	11616	Mon	480 376 52 18065 87601 49376 4... 84115 43548 14139 376 52 00000	USB	(Subilo)
S06	26-8	0420	9322	Mon	480 376 52 18065 87601 49376 4... 84115 43548 14139 376 52 00000	USB	(Subilo)
S06	27-8	0400	11616	Tue	480 376 52 18065 87601 49376 4... 84115 43548 14139 376 52 00000	USB	(Subilo)
S06	27-8	0420	9322	Tue	480 376 52 18065 87601 49376 4... 84115 43548 14139 376 52 00000	USB	(Subilo)
S06	28-8	0400	11616	Wed	480 519 23 53222 71194 07811 ... 61916 70001 74899 519 23 480 267 30 35207 24170 03724 ... 49101 67223 78480 267 30 00000	USB	(Subilo)
S06	28-8	0420	9322	Wed	480 519 23 53222 71194 07811 ... 61916 70001 74899 519 23 480 267 30 35207 24170 03724 ... 49101 67223 78480 267 30 00000	USB	(Subilo)
S06	29-8	0400	11616	Thu	480 480 480 00000	USB	(AB-J)
S06	29-8	0400	11616	Thu	480 519 23 53222 71194 07811 ... 61916 70001 74899 519 23 480 267 30 35207 24170 03724 ... 49101 67223 78480 267 30 00000	USB	(AB-J)
S06	29-8	0420	9322	Thu	480 519 23 53222 71194 07811 ... 61916 70001 74899 519 23 480 267 30 35207 24170 03724 ... 49101 67223 78480 267 30 00000	USB	(AB-J)
S06	29-8	0420	9322	Thu	480 480 480 00000	USB	(AB-J)
S11a	1-8	0700	9339	Thu	Test tone at 0651z. Nothing else	USB	(AB)
S11a	2-8	0725	20905	Fri	384/00 Konets	USB	(AB-POL)
S11a	2-8	0915	6814	Fri	485/00 Konets	USB	(AB)
S11a	2-8	1400	9448	Fri	425/00 Konets	USB	(AB)
S11a	3-8	0830	5149	Sat	376/00 Konets	USB	(AB)
S11a	3-8	1850	12457	Sat	280/00 Konets	USB	(AB)
S11a	4-8	0830	5149	Sun	373/00 Konets	USB	(AB-POL)
S11a	5-8	0510	16357	Mon	654/39 Vnmaniye 99223 55455 56810 ... 02013 63029 43923 Vnmaniye (msg rpts) Konets	USB	(AB)
S11a	5-8	0700	9339	Mon	475/00 Konets	USB	(AB)
S11a	5-8	0915	6814	Mon	485/00 Konets	USB	(AB)

S11a	6-8	0445	9968	Tue	797/00 Konets	USB	(AB)
S11a	6-8	1400	9448	Tue	429/36 Vnimanije 82334 75729 26653 ... 38827 72087 17968 Vnimanije (msg rpts) Konets	USB	(AB)
S11a	6-8	1400	9448	Tue	429/36 Vnimanije	USB	(Lac)
S11a	7-8	0510	16357	Wed	654/39 Vnimanije 99223 55455 56810 ... 02013 63029 43923 Vnimanije (msg rpts) Konets	USB	(AB)
S11a	7-8	0725	20905	Wed	380/00 Konets	USB	(AB)
S11a	7-8	1850	12457	Wed	280/00 Konets	USB	(AB)
S11a	7-8	1850	12457	Wed	280/00	USB	(Lac)
S11a	8-8	0445	9968	Thu	798/00 Konets	USB	(AB)
S11a	8-8	0700	9339	Thu	475/00 Konets	USB	(AB)
S11a	8-8	0700	9339	Thu	475/00	USB	(Lac)
S11a	9-8	0725	20905	Fri	387/00 Konets	USB	(AB-POL)
S11a	9-8	0915	6814	Fri	486/00 Konets	USB	(AB)
S11a	9-8	1400	9448	Fri	429/36 Vnimanije 82334 75729 26653 ... 38827 72087 17968 Vnimanije (msg rpts) Konets	USB	(AB-POL)
S11a	10-8	0830	5149	Sat	378/31 Vnimanije 01445 71044 37627 ... 59218 61184 13770 Vnimanije (msg rpts) Konets	USB	(AB)
S11a	10-8	1850	12457	Sat	284/00 Konets	USB	(AB)
S11a	11-8	0830	5149	Sun	378/31 Vnimanije 01445 71044 37627 ... 59218 61184 13770 Vnimanije (msg rpts) Konets	USB	(AB-POL)
S11a	12-8	0510	16357	Mon	656/00 Konets	USB	(AB)
S11a	12-8	0700	9339	Mon	477/00 Konets	USB	(AB)
S11a	12-8	0915	6814	Mon	483/00 Konets	USB	(AB)
S11a	13-8	0445	9968	Tue	790/00 Konets	USB	(AB)
S11a	13-8	1400	9448	Tue	421/00 Konets	USB	(AB)
S11a	14-8	0510	16357	Wed	652/00 Konets	USB	(AB-POL)
S11a	14-8	0725	20905	Wed	384/00 Konets	USB	(AB)
S11a	14-8	1850	12457	Wed	287/00 Konets	USB	(AB)
S11a	15-8	0445	9968	Thu	799/00 Konets	USB	(AB/Lac)
S11a	15-8	0700	9339	Thu	470/00 Konets	USB	(AB/Lac)
S11a	16-8	0725	20905	Fri	381/00 Konets	USB	(AB/Lac)
S11a	16-8	0915	6814	Fri	480/00 Konets	USB	(AB)
S11a	16-8	1400	9448	Fri	429/00 Konets	USB	(AB/Lac)
S11a	17-8	0830	5149	Sat	378/00 Konets	USB	(AB-POL)
S11a	18-8	0830	5149	Sun	370/00 Konets	USB	(AB-POL)
S11a	19-8	0510	16357	Mon	657/00 Konets	USB	(AB-POL)
S11a	19-8	0700	9339	Mon	471/00 Konets	USB	(AB/Lac)
S11a	19-8	0915	6814	Mon	484/34 Vnimanije 53641 81520 90380 ... 73827 55024 21358 Vnimanije (msg rpts) Konets	USB	(AB)
S11a	20-8	0445	9968	Tue	793/00 Konets	USB	(AB)
S11a	20-8	1400	9448	Tue	422/00 Konets	USB	(AB/Lac)
S11a	21-8	0510	16357	Wed	651/00 Konets	USB	(AB-POL)
S11a	21-8	0725	20905	Wed	389/00 Konets	USB	(AB-POL)
S11a	21-8	1850	12457	Wed	281/33 Vnimanije 84778 94560 32331 ... 49719 60162 98742 Vnimanije (msg rpts) Konets	USB	(AB)
S11a	22-8	0445	9968	Thu	793/00 Konets	USB	(AB)
S11a	22-8	0700	9339	Thu	479/00 Konets	USB	(AB)
S11a	23-8	0725	20905	Fri	385/00 Konets	USB	(AB-KWT)

S11a	23-8	0915	6814	Fri	484/34 Vnimanaye 53641 81520 90380 ... 73827 55024 21358 Vnimanaye (msg rpts) Konets	USB	(AB)
S11a	23-8	1400	9448	Fri	429/00 Konets	USB	(AB)
S11a	24-8	0830	5149	Sat	379/00 Konets	USB	(AB-POL)
S11a	24-8	1850	12457	Sat	281/33 Vnimanaye 84778 94560 32331 ... 49719 60162 98742 Vnimanaye (msg rpts) Konets	USB	(AB)
S11a	25-8	0830	5149	Sun	376/00 Konets	USB	(AB-POL)
S11a	26-8	0510	16357	Mon	650/00 Konets	USB	(AB-POL)
S11a	26-8	0700	9339	Mon	471/34 Vnimanaye 11120 33171 78201 ... 26689 87759 35564 Vnimanaye (msg rpts) Konets	USB	(AB)
S11a	26-8	0700	9339	Mon	471/34 Vnimanie	USB	(Lac)
S11a	26-8	0915	6814	Mon	486/00 Konets	USB	(AB/Lac)
S11a	27-8	0445	9968	Tue	798/32 Vnimanaye 42991 54568 81303 ... 67982 00473 78496 Vnimanaye (msg rpts) Konets	USB	(AB)
S11a	27-8	1400	9448	Tue	422/00 Konets	USB	(AB)
S11a	28-8	0510	16357	Wed	650/00 Konets	USB	(AB-CYP)
S11a	28-8	0725	20905	Wed	384/39 Vnimanaye 06628 30977 09286 ... 10301 67325 52329 Vnimanaye (msg rpts) Konets	USB	(AB-KWT)
S11a	28-8	1850	12457	Wed	282/00 Konets	USB	(AB-POL)
S11a	29-8	0445	9968	Thu	798/32 Vnimanaye 42991 54568 81303 ... 67982 00473 78496 Vnimanaye (msg rpts) Konets	USB	(AB-CYP)
S11a	29-8	0700	9339	Thu	471/34 Vnimanaye 11120 33171 78201 ... 26689 87759 35564 Vnimanaye (msg rpts) Konets	USB	(AB)
S11a	29-8	0700	9339	Thu	471/34, repeat from 2024-08-26	USB	(Lac)
S11a	30-8	0725	20905	Fri	384/39 Vnimanaye 06628 30977 09286 ... 10301 67325 52329 Vnimanaye (msg rpts) Konets	USB	(AB-KWT)
S11a	30-8	0915	6814	Fri	482/00 Konets	USB	(AB-POL)
S11a	30-8	1400	9448	Fri	421/00 Konets	USB	(AB)
S11a	31-8	0830	5149	Sat	379/00 Konets	USB	(AB-POL)
S11a	31-8	1850	12457	Sat	287/00 Konets	USB	(AB/Lac)
UM04	1-8	0700	4735	Thu	Active but unreadable	CW	(Subilo/AB)
UM04	2-8	0700	4735	Fri	VVV VVV PROMRCh = 02 08 = 1000 0870 0900 0980 1360 ... 0800 0800 0880 0970 1310 = AR	CW	(AB-HNG)
UM04	3-8	0700	4735	Sat	Active but unreadable	CW	(Subilo/AB)
UM04	4-8	0700	4735	Sun	VVVVV PROMRCh = 0408 = 1000 0880 0900 0990 1350 ... 0800 0840 0870 0970 1300 = AR	CW	(AB-HNG)
UM04	5-8	0700	4735	Mon	VVV VVV PROMRCh = 05 08 = 1000 0880 0910 1000 1350 ... 0800 0840 0860 0970 1310 = AR	CW	(AB-GRC)
UM04	6-8	0700	4735	Tue	VVV VVV PROMRCh = 06 08 = 1000 0880 0900 1000 1350 ... 0800 0830 0860 0970 1300 = AR	CW	(Subilo/AB)
UM04	7-8	0700	4735	Wed	VVV VVV PROMRCh = 07 08 = 1000 0880 0900 1000 1350 ... 0800 0820 0850 0960 1300 = AR	CW	(Subilo/AB)
UM04	8-8	0700	4735	Thu	VVV VVV PROMRCh = 08 08 = 1000 0870 0900 1000 1340 ... 0800 0810 0840 0950 1300 = AR	USB	(AB-HNG)
UM04	9-8	0700	4735	Fri	VVV VVV PROMRCh = 09 08 = 1000 0870 0900 1000 0340 ... 0800 0810 0840 0950 1300 = AR	CW	(AB-HNG)
UM04	10-8	0700	4735	Sat	VVV VVV PROMRCh = 1008 = 1000 0870 0900 1000 1350 ... 0800 0830 0950 1300 = AR	CW	(AB-HNG)
UM04	11-8	0700	4735	Sun	VVV VVV PROMCh = 1108 = 1000 0880 0910 1020 1360 ... 0800 0810 0840 0950 1310 = AR	CW	(AB-HNG)
UM04	12-8	0700	4735	Mon	VVV VVV PROMRCh = 12 08 = 1000 0900 0930 1030 1380 ... 0800 0820 0850 0960 1330 = AR	CW	(AB-GRC)
UM04	13-8	0700	4735	Tue	VVV VVV PROMRCh = 13 08 = 1000 0910 0930 1040 1400 ... 0800 0830 0860 0970 1340 = AR	CW	(Subilo/AB)
UM04	15-8	0700	4735	Thu	VVV VVV PROMRCh = 15 08 = largely unreadable	USB	(AB-GRC)
UM04	16-8	0700	4735	Fri	VVV VVV PROMRCh = 19 05 = 1000 0910 0940 1050 1410 ... 0800 0820 0850 0970 1340 = AR	CW	(AB-HNG)
UM04	17-8	0700	4735	Sat	VVV VVV PROMRCh = 17 08 = 1000 0920 0910 0950 1430 ... 0800 0830 0860 0980 1350 = AR	CW	(AB-HNG)
UM04	18-8	0700	4735	Sun	VVV VVV PROMRCh = 18 08 = 1000 0930 0960 3070 1440 ... 0800 0830 0870 0990 1370 = AR	CW	(AB-HNG)
UM04	19-8	0700	4735	Mon	VVV VVV PROMRCh = 19 08 = 1000 0940 0970 1080 1460 ... 0800 0850 0880 1000 1390 = AR	CW	(AB-HNG)
UM04	20-8	0700	4735	Tue	VVV VVV PROMRCh = 20 08 = 1000 0950 0980 1090 1460 ... 0800 0850 0880 1010 1380 = AR	CW	(AB)
UM04	21-8	0700	4735	Wed	VVV VVV PROMRCh = 21 08 = 1000 0960 0990 1110 1480 ... 0800 0860 0900 1020 1410 = AR	CW	(AB-HNG)

UM04	22-8	0700	4735	Thu	VVV VVV PROMRCh = 22 08 = 1000 0960 0990 1100 1480 ... 0800 0860 0890 1010 1410 = AR	USB	(AB-HNG)
UM04	23-8	0700	4735	Fri	VVV VVV PROMRCh = 23 08 = 1000 0960 0990 1100 1490 ... 0800 0850 0880 1010 1400 = AR J	CW	(AB-HNG)
UM04	24-8	0700	4735	Sat	VVV VVV PRO (20 sec silence) 1100 1480 ... 0800 0840 0880 1000 1380 = AR	CW	(Subilo/AB)
UM04	25-8	0701	4735	Sun	VVV VVV PROMRCh = 25 08 = 1000 0960 0990 1110 1490 ... 0800 0850 0890 1010 1400 = AR	CW	(AB-HNG)
UM04	26-8	0700	4735	Mon	VVV VVV PROMRCh = 26 08 = 1000 0960 0990 1100 1480 ... 0800 0850 0880 1010 1400 = AR	CW	(AB-HNG)
UM04	27-8	0700	4735	Tue	VVV VVV PROMRCh = 2708 = 1000 0970 0990 1110 1490 ... 0800 0900 0890 1010 1340 = AR	CW	(AB-HNG)
UM04	28-8	0700	4735	Wed	VVV VVV PROMRCh = 28 08 = 1000 0960 0990 1100 1490 ... 0800 0860 0890 0010 1400 = AR	CW	(AB-HNG)
UM04	29-8	0702	4735	Thu	VVV VVV PROMRCh = 29 08 = 1000 0970 1000 1110 1490 ... 0800 0860 0890 1010 1400 = AR	USB	(AB-HNG)
UM04	30-8	0700	4735	Fri	VVVVV PROMRCh = 30 08 = 1000 0950 0980 1100 1470 ... 0800 0840 0880 1000 1390 = AR	CW	(AB-HNG)
UM05	1-8	0503	5345.8	Thu	Serviette (R), Araignee (R), etc.	CW	(AB)
UM05	2-8	0417	5345.8	Fri	9 (R), Table (R), etc.	CW	(AB)
UM05	3-8	0518	5345.8	Sat	Batterie (R), F (R), etc.	CW	(AB)
UM05	4-8	0630	5345.8	Sun	Vitesse (R), Ordiateur (R), etc.	CW	(AB)
UM05	5-8	0525	5345.8	Mon	Table (R), Rire (R), Glace (R), etc.	CW	(AB)
UM05	6-8	0451	5345.8	Tue	Echarpe (R), Communication (R), etc.	CW	(AB)
UM05	8-8	0515	5345.8	Thu	Valee (R), Chemin (R), Biblioteque (R), etc.	CW	(AB)
UM05	9-8	0504	5345.8	Fri	Pont (R), Ecole (R), etc.	CW	(AB)
UM05	10-8	0527	5345.8	Sat	P (R), Couteau (R), etc.	CW	(AB)
UM05	11-8	0524	5345.8	Sun	Couteau (R), Pull (R), Vie (R), etc.	CW	(AB)
UM05	12-8	0448	5345.8	Mon	Apartement (R), Projet (R), etc.	CW	(AB)
UM05	13-8	0504	5345.8	Tue	Television (R), Blanc (R), etc.	CW	(AB)
UM05	14-8	0459	5345.8	Wed	Prarie (R), Lune (R), Wallaby (R), etc.	CW	(AB-F)
UM05	15-8	0445	5345.8	Thu	1 (R), Verre (R), Vallee (R), etc.	CW	(AB)
UM05	16-8	0452	5345.8	Fri	T (R), Detester (R), etc.	CW	(AB)
UM05	17-8	0525	5345.8	Sat	Vallee (R), Kangourou (R), etc.	CW	(AB)
UM05	18-8	0533	5345.8	Sun	Refrigerateur (R), Message (R), Ciel (R), etc.	CW	(AB)
UM05	19-8	0445	5345.8	Mon	Internet (R), D (R), Hirondelle (R), Argument (R), etc.	CW	(AB)
UM05	20-8	0518	5345.8	Tue	Juin (R), Tourisme (R), Infirmiere (R), Menu (R), etc.	CW	(AB)
UM05	21-8	0500	5345.8	Wed	Wallaby (R), Applaudissement (R), Magasin (R), etc.	CW	(AB-F)
UM05	22-8	0506	5345.8	Thu	Pomme de terre (R), etc.	CW	(AB)
UM05	23-8	0536	5345.8	Fri	H (R), R (R), Hpital (R), Aventure (R), Vie (R), Poire (R), D (R), Le (R), etc.	CW	(AB-F)
UM05	24-8	0548	5345.8	Sat	Mer (R), Chenille (R), etc.	CW	(AB)
UM05	25-8	0557	5345.8	Sun	F (R), Plage (R), Vehicule (R), Recette (R), Ocean (R), Pratique (R), O (R), etc.	CW	(AB)
UM05	26-8	0452	5345.8	Mon	September (R), Brise (R), Ecole (R), etc.	CW	(AB)
UM05	27-8	0444	5345.8	Tue	The (R), 9 (R), Btiment (R), etc.	CW	(AB-F)
UM05	28-8	0458	5345.8	Wed	Soleil (R), Mardi (R), etc.	CW	(AB-D)
UM05	29-8	0448	5345.8	Thu	Tasse (R), Merle (R), etc.	CW	(AB)
UM05	30-8	0542	5345.8	Fri	Matinee (R), Universite (R), Baleine (R), etc.	CW	(AB-F)
UM05	31-8	0519	5345.8	Sat	Passager (R), Ocean (R), etc.	CW	(AB)
V07	4-8	0700	13408	Sun	425 425 425 1 6221 127 6221 127 57037 05101 27409 ... 05577 41828 00303 000 000	USB	(AB-RUS/Dan)

V07	4-8	0720	12208	Sun	425 425 425 1 6221 127 6221 127 57037 05101 27409 ... 05577 41828 00303 000 000	USB	(AB-RUS)
V07	4-8	0740	11508	Sun	425 425 425 1 6221 127 6221 127 57037 05101 27409 ... 05577 41828 00303 000 000	USB	(AB-RUS)
V07	11-8	0700	13408	Sun	425 425 425 1 8191 87 8191 87 49590 18267 81120 ... 77018 92170 72766 000 000	USB	(AB-RUS/Dan/HFD)
V07	11-8	0720	12208	Sun	425 425 425 1 8191 87 8191 87 49590 18267 81120 ... 77018 92170 72766 000 000	USB	(AB-RUS/HFD)
V07	11-8	0740	11508	Sun	425 425 425 1 8191 87 8191 87 49590 18267 81120 ... 77018 92170 72766 000 000	USB	(AB-RUS/HFD)
V07	18-8	0700	13408	Sun	425 425 425 1 223 110 223 110 10247 71474 79194 ... 10712 06731 29339 000 000	USB	(AB-RUS/Dan)
V07	18-8	0720	12208	Sun	425 425 425 1 223 110 223 110 10247 71474 79194 ... 10712 06731 29339 000 000	USB	(AB-RUS)
V07	18-8	0740	11508	Sun	425 425 425 1 223 110 223 110 10247 71474 79194 ... 10712 06731 29339 000 000	USB	(AB-RUS)
V07	25-8	0700	13408	Sun	425 425 425 1 209 86 209 86 61414 99380 47231 ... 64544 20262 59956 000 000	USB	(AB-RUS/Dan)
V07	25-8	0720	12208	Sun	425 425 425 1 209 86 209 86 61414 99380 47231 ... 64544 20262 59956 000 000	USB	(AB-RUS)
V07	25-8	0740	11508	Sun	425 425 425 1 209 86 209 86 61414 99380 47231 ... 64544 20262 59956 000 000	USB	(AB-RUS)
V13	4-8	1300	15388	Sun	New Star Broadcasting. Station 4. Messages for Unit IDs: 5694, 6428, 7521	USB	(FSpy)
V13	6-8	0000	15890	Tue	New Star Broadcasting. Station 3. Messages for Unit IDs: 2213, 7989, 8079	AM/USB	(FSpy)
V13	8-8	1300	14944	Thu	New Star Broadcasting. Station 1. Messages for Unit IDs: 0342, 0771, 6886	USB	(FSpy)
V13	12-8	0000	15890	Mon	New Star Broadcasting. Station 3. Messages for Unit IDs: 2548, 2961, 4303	AM/USB	(FSpy)
V13	13-8	0100	18040	Tue	New Star Broadcasting. Station 1. Messages for Unit IDs: 5244, 8044, 9490	USB	(FSpy)
V13	18-8	0030	18040	Sun	New Star Broadcasting. Station 1. Messages for Unit IDs: 1702, 3574, 4643	AM/USB	(FSpy)
V13	18-8	0100	18040	Sun	New Star Broadcasting. Station 3. Messages for Unit IDs: 1217, 2663, 3078	AM/USB	(FSpy)
V13	19-8	0300	9276	Mon	New Star Broadcasting. Station 2. Messages for Unit IDs: 6093, 6516, 8954	USB	(FSpy)
V13	20-8	0100	20025	Tue	New Star Broadcasting. Station 4. Messages for Unit IDs: 2997, 4801, 8508	USB	(FSpy)
V13	21-8	0115	19052	Wed	New Star Broadcasting. Station 1 immediately repeated/replayed its broadcast after finishing!	AM/USB	(FSpy)
V13	21-8	1000	20095	Wed	New Star Broadcasting. Station 5. Messages for Unit IDs: 1501, 7131, 7698	USB	(FSpy/CrLa)
V13	24-8	0300	9276	Sat	New Star Broadcasting. Station 2. Messages for Unit IDs: 3485, 7137, 9862	USB	(FSpy)
V13	25-8	0130	18040	Sun	New Star Broadcasting. Station 3. Messages for Unit IDs: 3802, 5896, 8808	AM/USB	(FSpy)
V13	26-8	0230	8169	Mon	New Star Broadcasting. Station 1. Messages for Unit IDs: 0071, 4230, 7073	USB	(FSpy)
V13	28-8	0000	15388	Wed	New Star Broadcasting. Station 4. Messages for Unit IDs: 0744, 6494, 7157	USB	(FSpy)
X06	1-8	0946	20837	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(Moon)
X06	1-8	1009	16264	Thu	224365	MFSK-6	(AB)
X06	7-8	0643	13838	Wed	MFA Moscow clg 256341: Russian embassy Beirut	MFSK-6	(Moon)
X06	7-8	0829	14631	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(Moon)
X06	7-8	1247	19878	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(Moon)
X06	9-8	0744	14863	Fri	MFA Moscow clg 615243: Russian Permanent Mission to the UN, Geneva	MFSK-6	(Anon)
X06	11-8	1036	14414	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(Moon)
X06	11-8	1132	15710	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(Moon)
X06	14-8	0747	13369	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(Moon)
X06	14-8	0748	13369	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(Moon)
X06	14-8	0810	18177	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(Moon)
X06	14-8	0811	11153	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(Moon)
X06	15-8	0732	21825	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(Moon)
X06	15-8	0745	19405	Thu	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(Moon)
X06	15-8	0801	19858	Thu	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(Moon)

X06	15-8	0944	20837	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(Moon)
X06	15-8	1329	20627	Thu	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(Moon)
X06	18-8	0656	12130	Sun	MFA Moscow clg 452163: Russian embassy Kabul	MFSK-6	(RO)
X06	19-8	0736	12152	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(RO)
X06	19-8	0925	23355	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(Moon)
X06	21-8	1117	16115	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
X06	21-8	1126	13979	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
X06	21-8	1131	14650	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
X06	21-8	1136	16115	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
X06	21-8	1145	12207	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
X06	21-8	1548	13548	Wed	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(Moon)
X06	25-8	1125	16060	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(Moon)
X06	26-8	0941	16117	Mon	MFA Moscow clg 463125: Russian enbassy Rabat	MFSK-6	(Moon)
X06	27-8	0810	17523	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(RO)
X06	27-8	1017	13510	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(Moon)
X06	27-8	1023	20813	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(Moon)
XBP1	19-8	0500	18451	Mon	Russian intel.	MFSK-16	(PY)
XBP1	19-8	0510	18051	Mon	Russian intel.	MFSK-16	(PY)
XBP1	19-8	0520	17451	Mon	Russian intel.	MFSK-16	(PY)
XBP1	19-8	0530	16251	Mon	Russian intel.	MFSK-16	(PY)
XBP1	19-8	0540	15851	Mon	Russian intel.	MFSK-16	(PY)
XBP1	19-8	0550	14451	Mon	Russian intel.	MFSK-16	(PY)
XBP1	20-8	0500	18451	Tue	Russian intel.	MFSK-16	(PY)
XBP1	20-8	0510	18051	Tue	Russian intel.	MFSK-16	(PY)
XBP1	20-8	0520	17451	Tue	Russian intel.	MFSK-16	(PY)
XBP1	20-8	0530	16251	Tue	Russian intel.	MFSK-16	(PY)
XBP1	20-8	0540	15851	Tue	Russian intel.	MFSK-16	(PY)
XBP1	20-8	0550	14451	Tue	Russian intel.	MFSK-16	(PY)
XBP1	26-8	0500	18451	Mon	Russian intel.	MFSK-16	(PY)
XBP1	26-8	0510	18051	Mon	Russian intel.	MFSK-16	(PY)
XBP1	26-8	0520	17451	Mon	Russian intel.	MFSK-16	(PY)
XBP1	26-8	0530	16251	Mon	Russian intel.	MFSK-16	(PY)
XBP1	26-8	0540	15851	Mon	Russian intel.	MFSK-16	(PY)
XBP1	26-8	0550	14451	Mon	Russian intel.	MFSK-16	(PY)
XBP1	27-8	0500	18451	Tue	Russian intel.	MFSK-16	(PY)
XBP1	27-8	0510	18051	Tue	Russian intel.	MFSK-16	(PY)
XBP1	27-8	0520	17451	Tue	Russian intel.	MFSK-16	(PY)
XBP1	27-8	0530	16251	Tue	Russian intel.	MFSK-16	(PY)
XBP1	27-8	0540	15851	Tue	Russian intel.	MFSK-16	(PY)
XBP1	27-8	0550	14451	Tue	Russian intel.	MFSK-16	(PY)
XPA1	2-8	1210	13491	Fri	416 416 416 000 05098 00001 00000 35266	MFSK-20/10Bd	(AB)
XPA1	2-8	1230	12191	Fri	416 416 416 000 05098 00001 00000 35266	MFSK-20/10Bd	(AB)

XPA1	2-8	1250	10691	Fri	416 416 416 000 05098 00001 00000 35266	MFSK-20/10Bd	(AB)
XPA1	7-8	1210	13491	Wed	416 416 416 000 02427 00001 00000 36654	MFSK-20/10Bd	(AB/HFD)
XPA1	7-8	1230	12191	Wed	416 416 416 000 02427 00001 00000 36654	MFSK-20/10Bd	(AB/HFD)
XPA1	7-8	1250	10691	Wed	416 416 416 000 02427 00001 00000 36654	MFSK-20/10Bd	(AB/HFD)
XPA1	9-8	1210	13491	Fri	416 416 416 000 09475 00001 00000 35670	MFSK-20/10Bd	(AB)
XPA1	9-8	1230	12191	Fri	416 416 416 000 09475 00001 00000 35670	MFSK-20/10Bd	(AB)
XPA1	9-8	1250	10691	Fri	416 416 416 000 09475 00001 00000 35670	MFSK-20/10Bd	(AB)
XPA1	14-8	1210	13491	Wed	416 416 416 000 04964 00001 00000 37662	MFSK-20/10Bd	(AB)
XPA1	14-8	1230	12191	Wed	416 416 416 000 04964 00001 00000 37662	MFSK-20/10Bd	(AB)
XPA1	14-8	1250	10691	Wed	416 416 416 000 04964 00001 00000 37662	MFSK-20/10Bd	(AB)
XPA1	16-8	1210	13491	Fri	416 416 416 000 03999 00001 00000 42264	MFSK-20/10Bd	(AB)
XPA1	16-8	1230	12191	Fri	416 416 416 000 03999 00001 00000 42264	MFSK-20/10Bd	(AB)
XPA1	16-8	1250	10691	Fri	416 416 416 000 03999 00001 00000 42264	MFSK-20/10Bd	(AB)
XPA1	21-8	1210	13491	Wed	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	21-8	1230	12191	Wed	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	21-8	1250	10691	Wed	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	23-8	1210	13491	Fri	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	23-8	1230	12191	Fri	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	23-8	1250	10691	Fri	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	28-8	1210	13491	Wed	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	28-8	1230	12191	Wed	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	28-8	1250	10691	Wed	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	30-8	1210	13491	Fri	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	30-8	1230	12191	Fri	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA1	30-8	1250	10691	Fri	416 416 436 1 00208 00099 73601 ... 43488 21360 14446	MFSK-20/10Bd	(AB)
XPA2	1-8	0500	10252	Thu	04098 00120 30322 ... 09259 90164 32675	MFSK-16/20Bd	(AB)
XPA2	1-8	0520	11152	Thu	04098 00120 30322 ... 09259 90164 32675	MFSK-16/20Bd	(AB)
XPA2	1-8	0540	12152	Thu	04098 00120 30322 ... 09259 90164 32675	MFSK-16/20Bd	(AB)
XPA2	1-8	0910	14372	Thu	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB)
XPA2	1-8	0930	13372	Thu	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB)
XPA2	1-8	0950	12172	Thu	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB)
XPA2	1-8	1100	16264	Thu	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB)
XPA2	1-8	1120	15864	Thu	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB)
XPA2	1-8	1140	14864	Thu	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB)
XPA2	1-8	1600	14864	Thu	00310 00209 01717 ... 42970 59595 01162	MFSK-16/20Bd	(AB)
XPA2	1-8	1620	14364	Thu	00310 00209 01717 ... 42970 59595 01162	MFSK-16/20Bd	(AB)
XPA2	1-8	1640	13464	Thu	00310 00209 01717 ... 42970 59595 01162	MFSK-16/20Bd	(AB)
XPA2	2-8	1100	13887	Fri	00399 00161 01680 ... 74210 96898 10334	MFSK-16/20Bd	(AB)
XPA2	2-8	1120	12187	Fri	00399 00161 01680 ... 74210 96898 10334	MFSK-16/20Bd	(AB)
XPA2	2-8	1140	10387	Fri	00399 00161 01680 ... 74210 96898 10334	MFSK-16/20Bd	(AB)
XPA2	2-8	1800	15884	Fri	00330 00112 01144 ... 49798 20739 42263	MFSK-16/20Bd	(AB)
XPA2	2-8	1820	14684	Fri	00330 00112 01144 ... 49798 20739 42263	MFSK-16/20Bd	(AB)

XPA2	2-8	1840	13484	Fri	00330 00112 01144 ... 49798 20739 42263	MFSK-16/20Bd	(AB)
XPA2	3-8	0910	14372	Sat	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	0930	13372	Sat	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	0950	12172	Sat	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	1500	13825	Sat	09113 00233 97452 ... 56293 70402 41707	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	1520	12125	Sat	09113 00233 97452 ... 56293 70402 41707	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	1540	11025	Sat	09113 00233 97452 ... 56293 70402 41707	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	0700	12152	Mon	07850 00001 00000 35264	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	0720	13552	Mon	07850 00001 00000 35264	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	0740	13952	Mon	07850 00001 00000 35264	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	0910	18059	Mon	00592 00189 41662 ... 81750 65441 01412	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	0930	16093	Mon	00592 00189 41662 ... 81750 65441 01412	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	0950	14874	Mon	00592 00189 41662 ... 81750 65441 01412	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	1500	13825	Mon	04323 00001 00000 34256	MFSK-16/20Bd	(AB)
XPA2	5-8	1520	12125	Mon	04323 00001 00000 34256	MFSK-16/20Bd	(AB)
XPA2	5-8	1540	11025	Mon	04323 00001 00000 34256	MFSK-16/20Bd	(AB)
XPA2	6-8	0500	10252	Tue	02528 00001 00000 37654	MFSK-16/20Bd	(AB/HFD)
XPA2	6-8	0520	11152	Tue	02528 00001 00000 37654	MFSK-16/20Bd	(AB/HFD)
XPA2	6-8	0540	12152	Tue	02528 00001 00000 37654	MFSK-16/20Bd	(AB/HFD)
XPA2	6-8	1100	13887	Tue	05512 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	6-8	1120	12187	Tue	05512 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	6-8	1140	10387	Tue	05512 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	6-8	1600	14864	Tue	07973 00001 00000 37266	MFSK-16/20Bd	(AB)
XPA2	6-8	1620	14364	Tue	07973 00001 00000 37266	MFSK-16/20Bd	(AB)
XPA2	6-8	1640	13464	Tue	07973 00001 00000 37266	MFSK-16/20Bd	(AB)
XPA2	7-8	0700	12152	Wed	00165 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	7-8	0720	13552	Wed	00165 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	7-8	0740	13952	Wed	00165 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	7-8	0910	18059	Wed	00592 00189 41662 ... 81750 65441 01412	MFSK-16/20Bd	(AB)
XPA2	7-8	0930	16093	Wed	00592 00189 41662 ... 81750 65441 01412	MFSK-16/20Bd	(AB)
XPA2	7-8	0950	14874	Wed	00592 00189 41662 ... 81750 65441 01412	MFSK-16/20Bd	(AB)
XPA2	7-8	1100	16264	Wed	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB/HFD)
XPA2	7-8	1120	15864	Wed	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB/HFD)
XPA2	7-8	1140	14864	Wed	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB/HFD)
XPA2	7-8	1800	15884	Wed	05666 00126 45695 ... 41837 31911 46421	MFSK-16/20Bd	(AB/HFD)
XPA2	7-8	1820	14684	Wed	05666 00126 45695 ... 41837 31911 46421	MFSK-16/20Bd	(AB/HFD)
XPA2	7-8	1840	13484	Wed	05666 00126 45695 ... 41837 31911 46421	MFSK-16/20Bd	(AB/HFD)
XPA2	8-8	0500	10252	Thu	01548 00001 00000 37655	MFSK-16/20Bd	(AB)
XPA2	8-8	0520	11152	Thu	01548 00001 00000 37655	MFSK-16/20Bd	(AB)
XPA2	8-8	0540	12152	Thu	01548 00001 00000 37655	MFSK-16/20Bd	(AB)
XPA2	8-8	0910	14372	Thu	07600 00077 66039 ... 87484 18445 18320 46203	MFSK-16/20Bd	(AB)
XPA2	8-8	0930	13372	Thu	07600 00077 66039 ... 87484 18445 18320 46203	MFSK-16/20Bd	(AB)

XPA2	8-8	0950	12172	Thu	07600 00077 66039 ... 87484 18445 18320 46203	MFSK-16/20Bd	(AB)
XPA2	8-8	1100	16264	Thu	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB)
XPA2	8-8	1120	15864	Thu	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB)
XPA2	8-8	1140	14864	Thu	03323 00086 87305 ... 27490 57670 54220	MFSK-16/20Bd	(AB)
XPA2	8-8	1600	14864	Thu	01268 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	8-8	1620	14364	Thu	01268 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	8-8	1640	13464	Thu	01268 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	9-8	1100	13887	Fri	02950 00001 00000 35657	MFSK-16/20Bd	(AB/HFD)
XPA2	9-8	1120	12187	Fri	02950 00001 00000 35657	MFSK-16/20Bd	(AB/HFD)
XPA2	9-8	1140	10387	Fri	02950 00001 00000 35657	MFSK-16/20Bd	(AB/HFD)
XPA2	9-8	1800	15884	Fri	05666 00126 45695 ... 41837 31911 46421	MFSK-16/20Bd	(AB)
XPA2	9-8	1820	14684	Fri	05666 00126 45695 ... 41837 31911 46421	MFSK-16/20Bd	(AB)
XPA2	9-8	1840	13484	Fri	05666 00126 45695 ... 41837 31911 46421	MFSK-16/20Bd	(AB)
XPA2	10-8	0910	14372	Sat	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB)
XPA2	10-8	0930	13372	Sat	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB)
XPA2	10-8	0950	12172	Sat	07600 00077 66039 ... 18445 18320 46203	MFSK-16/20Bd	(AB)
XPA2	10-8	1500	13825	Sat	08832 00000 00000 36663	MFSK-16/20Bd	(AB)
XPA2	10-8	1520	12125	Sat	08832 00000 00000 36663	MFSK-16/20Bd	(AB)
XPA2	10-8	1540	11025	Sat	08832 00000 00000 36663	MFSK-16/20Bd	(AB)
XPA2	12-8	0700	12152	Mon	04871 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	12-8	0720	13552	Mon	04871 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	12-8	0740	13952	Mon	04871 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	12-8	0910	18059	Mon	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	12-8	0930	16093	Mon	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	12-8	0950	14874	Mon	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	12-8	1500	13825	Mon	09833 00275 78608 ... 77366 09163 30473	MFSK-16/20Bd	(AB)
XPA2	12-8	1520	12125	Mon	09833 00275 78608 ... 77366 09163 30473	MFSK-16/20Bd	(AB)
XPA2	12-8	1540	11025	Mon	09833 00275 78608 ... 77366 09163 30473	MFSK-16/20Bd	(AB)
XPA2	13-8	0500	10252	Tue	07582 00032 93591 ... 44522 30934 16573	MFSK-16/20Bd	(AB)
XPA2	13-8	0520	11152	Tue	07582 00032 93591 ... 44522 30934 16573	MFSK-16/20Bd	(AB)
XPA2	13-8	0540	12152	Tue	07582 00032 93591 ... 44522 30934 16573	MFSK-16/20Bd	(AB)
XPA2	13-8	1100	13887	Tue	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	13-8	1120	12187	Tue	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	13-8	1140	10387	Tue	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	13-8	1600	14864	Tue	00297 00195 44172 ... 30145 21389 77017	MFSK-16/20Bd	(AB/HFD)
XPA2	13-8	1620	14364	Tue	00297 00195 44172 ... 30145 21389 77017	MFSK-16/20Bd	(AB/HFD)
XPA2	13-8	1640	13464	Tue	00297 00195 44172 ... 30145 21389 77017	MFSK-16/20Bd	(AB/HFD)
XPA2	14-8	0700	12152	Wed	04587 00001 00000 37264	MFSK-16/20Bd	(AB)
XPA2	14-8	0720	13552	Wed	04587 00001 00000 37264	MFSK-16/20Bd	(AB)
XPA2	14-8	0740	13952	Wed	04587 00001 00000 37264	MFSK-16/20Bd	(AB)
XPA2	14-8	0910	18059	Wed	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	14-8	0930	16093	Wed	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)

XPA2	14-8	0950	14874	Wed	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	14-8	1100	16264	Wed	01661 00001 00000 34557	MFSK-16/20Bd	(AB)
XPA2	14-8	1120	15864	Wed	01661 00001 00000 34557	MFSK-16/20Bd	(AB)
XPA2	14-8	1140	14864	Wed	01661 00001 00000 34557	MFSK-16/20Bd	(AB)
XPA2	14-8	1800	15884	Wed	05823 00001 00000 36657	MFSK-16/20Bd	(AB)
XPA2	14-8	1820	14684	Wed	05823 00001 00000 36657	MFSK-16/20Bd	(AB)
XPA2	14-8	1840	13484	Wed	05823 00001 00000 36657	MFSK-16/20Bd	(AB)
XPA2	15-8	0500	10252	Thu	07582 00032 93591 ... 44522 30934 16573	MFSK-16/20Bd	(AB)
XPA2	15-8	0520	11152	Thu	07582 00032 93591 ... 44522 30934 16573	MFSK-16/20Bd	(AB)
XPA2	15-8	0540	12152	Thu	07582 00032 93591 ... 44522 30934 16573	MFSK-16/20Bd	(AB)
XPA2	15-8	0910	14372	Thu	01565 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	15-8	0930	13372	Thu	01565 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	15-8	0950	12172	Thu	01565 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	15-8	1100	16264	Thu	07477 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	15-8	1120	15864	Thu	07477 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	15-8	1140	14864	Thu	07477 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	15-8	1600	14864	Thu	00297 00195 44172 ... 30145 21389 77017	MFSK-16/20Bd	(AB)
XPA2	15-8	1620	14364	Thu	00297 00195 44172 ... 30145 21389 77017	MFSK-16/20Bd	(AB)
XPA2	15-8	1640	13464	Thu	00297 00195 44172 ... 30145 21389 77017	MFSK-16/20Bd	(AB)
XPA2	16-8	1100	13887	Fri	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	16-8	1120	12187	Fri	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	16-8	1140	10387	Fri	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	16-8	1800	15884	Fri	01967 00001 00000 41257	MFSK-16/20Bd	(AB)
XPA2	16-8	1820	14684	Fri	01967 00001 00000 41257	MFSK-16/20Bd	(AB)
XPA2	16-8	1840	13484	Fri	01967 00001 00000 41257	MFSK-16/20Bd	(AB)
XPA2	17-8	0910	14372	Sat	06383 00001 00000 34266	MFSK-16/20Bd	(AB)
XPA2	17-8	0930	13372	Sat	06383 00001 00000 34266	MFSK-16/20Bd	(AB)
XPA2	17-8	0950	12172	Sat	06383 00001 00000 34266	MFSK-16/20Bd	(AB)
XPA2	17-8	1500	13825	Sat	09833 00275 78608 ... 77366 09163 30473	MFSK-16/20Bd	(AB)
XPA2	17-8	1520	12125	Sat	09833 00275 78608 ... 77366 09163 30473	MFSK-16/20Bd	(AB)
XPA2	17-8	1540	11025	Sat	09833 00275 78608 ... 77366 09163 30473	MFSK-16/20Bd	(AB)
XPA2	19-8	0700	12152	Mon	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	19-8	0720	13552	Mon	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	19-8	0740	13952	Mon	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	19-8	0910	18059	Mon	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	19-8	0930	16093	Mon	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	19-8	0950	14874	Mon	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	19-8	1500	13825	Mon	03514 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	19-8	1520	12125	Mon	03514 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	19-8	1540	11025	Mon	03514 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	20-8	0500	10252	Tue	02759 00001 00000 41257	MFSK-16/20Bd	(AB)
XPA2	20-8	0520	11152	Tue	02759 00001 00000 41257	MFSK-16/20Bd	(AB)

XPA2	20-8	0540	12152	Tue	02759 00001 00000 41257	MFSK-16/20Bd	(AB)
XPA2	20-8	1100	13887	Tue	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	20-8	1120	12187	Tue	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	20-8	1140	10387	Tue	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	20-8	1600	14864	Tue	07714 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	20-8	1620	14364	Tue	07714 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	20-8	1640	13464	Tue	07714 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	21-8	0700	12152	Wed	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	21-8	0720	13552	Wed	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	21-8	0740	13952	Wed	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	21-8	0910	18059	Wed	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	21-8	0930	16093	Wed	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	21-8	0950	14874	Wed	00559 00077 96631 ... 39603 25570 44231	MFSK-16/20Bd	(AB)
XPA2	21-8	1100	16264	Wed	00292 00140 85540 ... 75500 90913 43515	MFSK-16/20Bd	(AB)
XPA2	21-8	1120	15864	Wed	00292 00140 85540 ... 75500 90913 43515	MFSK-16/20Bd	(AB)
XPA2	21-8	1140	14864	Wed	00292 00140 85540 ... 75500 90913 43515	MFSK-16/20Bd	(AB)
XPA2	21-8	1800	15884	Wed	00251 00237 48032 ... 24142 31865 40060	MFSK-16/20Bd	(AB)
XPA2	21-8	1820	14684	Wed	00251 00237 48032 ... 24142 31865 40060	MFSK-16/20Bd	(AB)
XPA2	21-8	1840	13484	Wed	00251 00237 48032 ... 24142 31865 40060	MFSK-16/20Bd	(AB)
XPA2	22-8	0500	10252	Thu	06007 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	22-8	0520	11152	Thu	06007 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	22-8	0540	12152	Thu	06007 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	22-8	0910	14372	Thu	05212 00001 00000 33256	MFSK-16/20Bd	(AB)
XPA2	22-8	0930	13372	Thu	05212 00001 00000 33256	MFSK-16/20Bd	(AB)
XPA2	22-8	0950	12172	Thu	05212 00001 00000 33256	MFSK-16/20Bd	(AB)
XPA2	22-8	1100	16264	Thu	00292 00140 85540 ... 75500 90913 43515	MFSK-16/20Bd	(AB)
XPA2	22-8	1120	15864	Thu	00292 00140 85540 ... 75500 90913 43515	MFSK-16/20Bd	(AB)
XPA2	22-8	1140	14864	Thu	00292 00140 85540 ... 75500 90913 43515	MFSK-16/20Bd	(AB)
XPA2	22-8	1600	14864	Thu	03036 00001 00000 34256	MFSK-16/20Bd	(AB/PP1)
XPA2	22-8	1620	14364	Thu	03036 00001 00000 34256	MFSK-16/20Bd	(AB)
XPA2	22-8	1640	13464	Thu	03036 00001 00000 34256	MFSK-16/20Bd	(AB)
XPA2	23-8	1100	13887	Fri	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	23-8	1120	12187	Fri	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	23-8	1140	10387	Fri	00267 00025 64389 ... 33822 59389 72335	MFSK-16/20Bd	(AB)
XPA2	23-8	1800	15884	Fri	00251 00237 48032 ... 24142 31865 40060	MFSK-16/20Bd	(AB)
XPA2	23-8	1820	14684	Fri	00251 00237 48032 ... 24142 31865 40060	MFSK-16/20Bd	(AB)
XPA2	23-8	1840	13484	Fri	00251 00237 48032 ... 24142 31865 40060	MFSK-16/20Bd	(AB)
XPA2	24-8	0910	14372	Sat	09876 00001 00000 34670	MFSK-16/20Bd	(AB)
XPA2	24-8	0930	13372	Sat	09876 00001 00000 34670	MFSK-16/20Bd	(AB)
XPA2	24-8	0950	12172	Sat	09876 00001 00000 34670	MFSK-16/20Bd	(AB)
XPA2	24-8	1500	13825	Sat	03753 00001 00000 36260	MFSK-16/20Bd	(AB)
XPA2	24-8	1520	12125	Sat	03753 00001 00000 36260	MFSK-16/20Bd	(AB)

XPA2	24-8	1540	11025	Sat	03753 00001 00000 36260	MFSK-16/20Bd	(AB)
XPA2	26-8	0700	12152	Mon	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	26-8	0720	13552	Mon	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	26-8	0740	13952	Mon	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	26-8	0910	18059	Mon	00654 00054 40616 ... 03084 34220 14650	MFSK-16/20Bd	(AB)
XPA2	26-8	0930	16093	Mon	00654 00054 40616 ... 03084 34220 14650	MFSK-16/20Bd	(AB)
XPA2	26-8	0950	14874	Mon	00654 00054 40616 ... 03084 34220 14650	MFSK-16/20Bd	(AB)
XPA2	26-8	1500	13825	Mon	05561 00240 60433 ... 19131 99877 23263	MFSK-16/20Bd	(AB)
XPA2	26-8	1520	12125	Mon	05561 00240 60433 ... 19131 99877 23263	MFSK-16/20Bd	(AB)
XPA2	26-8	1540	11025	Mon	05561 00240 60433 ... 19131 99877 23263	MFSK-16/20Bd	(AB)
XPA2	27-8	0500	10252	Tue	09959 00113 16433 ... 54954 49768 02715	MFSK-16/20Bd	(AB)
XPA2	27-8	0520	11152	Tue	09959 00113 16433 ... 54954 49768 02715	MFSK-16/20Bd	(AB)
XPA2	27-8	0540	12152	Tue	09959 00113 16433 ... 54954 49768 02715	MFSK-16/20Bd	(AB)
XPA2	27-8	1100	13887	Tue	02774 00001 00000 37261	MFSK-16/20Bd	(AB)
XPA2	27-8	1120	12187	Tue	02774 00001 00000 37261	MFSK-16/20Bd	(AB)
XPA2	27-8	1140	10387	Tue	02774 00001 00000 37261	MFSK-16/20Bd	(AB)
XPA2	27-8	1600	14864	Tue	03563 00252 77708 ... 60653 77684 55470	MFSK-16/20Bd	(AB)
XPA2	27-8	1620	14364	Tue	03563 00252 77708 ... 60653 77684 55470	MFSK-16/20Bd	(AB)
XPA2	27-8	1640	13464	Tue	03563 00252 77708 ... 60653 77684 55470	MFSK-16/20Bd	(AB)
XPA2	28-8	0700	12152	Wed	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	28-8	0720	13552	Wed	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	28-8	0740	13952	Wed	02409 00108 95994 ... 37196 14686 13644	MFSK-16/20Bd	(AB)
XPA2	28-8	0910	18059	Wed	00654 00054 40616 ... 03084 34220 14650	MFSK-16/20Bd	(AB)
XPA2	28-8	0930	16093	Wed	00654 00054 40616 ... 03084 34220 14650	MFSK-16/20Bd	(AB)
XPA2	28-8	0950	14874	Wed	00654 00054 40616 ... 03084 34220 14650	MFSK-16/20Bd	(AB)
XPA2	28-8	1100	16264	Wed	00599 00037 56629 ... 54122 52498 26723	MFSK-16/20Bd	(AB)
XPA2	28-8	1120	15864	Wed	00599 00037 56629 ... 54122 52498 26723	MFSK-16/20Bd	(AB)
XPA2	28-8	1140	14864	Wed	00599 00037 56629 ... 54122 52498 26723	MFSK-16/20Bd	(AB)
XPA2	28-8	1800	15884	Wed	00665 00093 05460 ... 16398 90661 65740	MFSK-16/20Bd	(AB)
XPA2	28-8	1820	14684	Wed	00665 00093 05460 ... 16398 90661 65740	MFSK-16/20Bd	(AB)
XPA2	28-8	1840	13484	Wed	00665 00093 05460 ... 16398 90661 65740	MFSK-16/20Bd	(AB)
XPA2	29-8	0500	10252	Thu	09959 00113 16433 ... 54954 49768 02715	MFSK-16/20Bd	(AB)
XPA2	29-8	0520	11152	Thu	09959 00113 16433 ... 54954 49768 02715	MFSK-16/20Bd	(AB)
XPA2	29-8	0540	12152	Thu	09959 00113 16433 ... 54954 49768 02715	MFSK-16/20Bd	(AB)
XPA2	29-8	0910	14372	Thu	00468 00052 11759 ... 92871 05963 54321	MFSK-16/20Bd	(AB)
XPA2	29-8	0930	13372	Thu	00468 00052 11759 ... 92871 05963 54321	MFSK-16/20Bd	(AB)
XPA2	29-8	0950	12172	Thu	00468 00052 11759 ... 92871 05963 54321	MFSK-16/20Bd	(AB)
XPA2	29-8	1100	16264	Thu	00599 00037 56629 ... 54122 52498 26723	MFSK-16/20Bd	(AB)
XPA2	29-8	1120	15864	Thu	00599 00037 56629 ... 54122 52498 26723	MFSK-16/20Bd	(AB)
XPA2	29-8	1140	14864	Thu	00599 00037 56629 ... 54122 52498 26723	MFSK-16/20Bd	(AB)
XPA2	29-8	1600	14864	Thu	03563 00252 77708 ... 60653 77684 55470	MFSK-16/20Bd	(AB)
XPA2	29-8	1620	14364	Thu	03563 00252 77708 ... 60653 77684 55470	MFSK-16/20Bd	(AB)

XPA2	29-8	1640	13464	Thu	03563 00252 77708 ... 60653 77684 55470	MFSK-16/20Bd	(AB)
XPA2	30-8	1100	13887	Fri	03990 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	30-8	1120	12187	Fri	03990 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	30-8	1140	10387	Fri	03990 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	30-8	1800	15884	Fri	00665 00093 05460 ... 16398 90661 65740	MFSK-16/20Bd	(AB)
XPA2	30-8	1820	14684	Fri	00665 00093 05460 ... 16398 90661 65740	MFSK-16/20Bd	(AB)
XPA2	30-8	1840	13484	Fri	00665 00093 05460 ... 16398 90661 65740	MFSK-16/20Bd	(AB)
XPA2	31-8	0910	14372	Sat	00468 00052 11759 ... 92871 05963 54321	MFSK-16/20Bd	(AB)
XPA2	31-8	0930	13372	Sat	00468 00052 11759 ... 92871 05963 54321	MFSK-16/20Bd	(AB)
XPA2	31-8	0950	12172	Sat	00468 00052 11759 ... 92871 05963 54321	MFSK-16/20Bd	(AB)
XPA2	31-8	1500	13825	Sat	05561 00240 60433 ... 19131 99877 23263	MFSK-16/20Bd	(AB)
XPA2	31-8	1520	12125	Sat	05561 00240 60433 ... 19131 99877 23263	MFSK-16/20Bd	(AB)
XPA2	31-8	1540	11025	Sat	05561 00240 60433 ... 19131 99877 23263	MFSK-16/20Bd	(AB)
XPB1	2-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB)
XPB1	3-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	3-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB)
XPB1	3-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB)
XPB1	3-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	3-8	1140	10567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	3-8	1150	11067	Sat	Russian intel.	MFSK-16	(AB)
XPB1	5-8	0500	11559	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	0510	12159	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	0520	13459	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	0530	13959	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	0540	14459	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	0550	14959	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-8	0500	11559	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	0510	12159	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	0520	13459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	0530	13959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	0540	14459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	0550	14959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB)

XPB1	6-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7-8	1140	10567	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7-8	1150	11067	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9-8	1330	17464	Fri	MFSK-16	MFSK-16	(HFD)
XPB1	9-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-8	1140	10567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-8	1150	11067	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	0500	11559	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-8	0510	12159	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-8	0520	13459	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-8	0530	13959	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-8	0540	14459	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-8	0550	14959	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-8	0500	11559	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	0510	12159	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	0520	13459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	0530	13959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	0540	14459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	0550	14959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB)

XPB1	14-8	1140	10567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1150	11067	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-8	1140	10567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-8	1150	11067	Sat	Russian intel.	MFSK-16	(AB)
XPB1	20-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1140	10567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1150	11067	Wed	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-8	1140	10567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-8	1150	11067	Sat	Russian intel.	MFSK-16	(AB)
XPB1	27-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB)
XPB1	27-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB)
XPB1	27-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	27-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB)

XPB1	27-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB)
XPB1	27-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1140	10567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1150	11067	Wed	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB)
XPB1	31-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	31-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB)
XPB1	31-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB)
XPB1	31-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	31-8	1140	10567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	31-8	1150	11067	Sat	Russian intel.	MFSK-16	(AB)

CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-CYP	Ary Boender via remote rx Cyprus
AB-D	Ary Boender via remote rx Germany
AB-GRC	Ary Boender via remote rx Greece
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-RUS	Ary Boender via remote rx Russia
AB-S	Ary Boender via remote rx Sweden
AB-USA	Ary Boender via remote rx USA
Anon	Anonymous
CrLa	Cryptlab
Dan	Daniel LU5EMM, Argentina
F1GOC	Michel Soldevila, France
FD	Full Day Waterfall, University Twente SDR
Fspy	Feline Spy SWL
HFD	Hans-Friedrich Dumrese, Germany
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-USA	Hans-Friedrich Dumrese via remote rx USA
Lac	Lazycrypt
linkz	Linkz, S.E. France
Moon	Moonlight (Dave AU)
PP1	Patrice Privat, France
PY	Pierre Ynard, France and via remote rx
RL	Roberto Landolpho, Brazil
RO	Rando One, Sweden
RoHa	Rolf Haenggli, Switzerland
Subilo	Subilo
T101	RadiotehnikaT101 via Priyom
TM	Time Machine

APPENDIX

Designators of active stations

Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrid modes
M(C)	Morse code (Chinese)
P	PSK modes. QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
SK	Various modes used by Cuba, incl. (B)PSK, WinDRM
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

Active voice stations

Code	Language	Origin	Related stations
E06	English	Russia	E06, S06, M14, F01, F06, F06a
E07	English	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
E11	English	Poland	E11, E11a, S11a, F03, P03
E11a	English	Poland	E11, E11a, S11a, F03, P03
S06	Russian	Russia	E06, S06, M14, F01, F06, F06a
S06b	Russian	Russia	E06, S06, M14, F01, F06, F06a
S06c	Russian	Russian	E06, S06, M14, F01, F06, F06a
S11a	Russian	Poland	E11, E11a, S11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
V07F	French	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V26	Chinese	China	M95, Q26, V26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Active morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
M14	Morse	Russia	E06, S06, M14, F01, F06, F06a
M14d	Morse	Russia	E06, S06, M14, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M76	Morse	?	
M89	Morse	China	
M95	Morse	China	M95, Q26, V26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM04	Morse	Bulgaria	PROMRCh daily schedule
UM05	Morse	France	Morse training. 24/7 operation
UM06	Morse	France?	Various formats. Often 5-letter strings separated by a 5-digit group
UM10	Morse	?	ID repeated for 10 minutes on two parallel frequencies. Messages are rare

Active digital stations

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, S06, M14, F01, F06, F06a
F02	FTM-4 (FSK-4/150Bd/4000Hz)	Russia	
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, S06, M14, F01, F06, F06a
F06a	FSK	Russia	E06, S06, M14, F01, F06, F06a
F07	5 x 16-tone MFSK, 10 Bd, 20 Hz + BPSK, 250 Bd	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
HM01	Voice + WinDRM	Cuba	
M42	Various modes	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
P07	8-tone OFDM, QSPK, 62.5 Bd, 125 Hz + BPSK, 250 Bd bursts	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
Q26	4+4 QPSK 75/3000 LSB or 4+4 QPSK 75/1000 LSB	China	M95, Q26, V26
X06	MFSK-6	Russia	Several variants X06a, X06b, X06c, X06d
XPA1	MFSK-20	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
XPB1	MFSK-16	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1

Figures and words used by the various numbers stations

Cut numbers

Chinese cut numbers
(M89, M95, MC03, etc)

A	U	3	4	5	6	7	D	N	T
1	2	3	4	5	6	7	8	9	0

M08a cut numbers

A	N	D	U	W	R	I	G	M	T
1	2	3	4	5	6	7	8	9	0

Q26 conversion

F	J	B	P	G	U	Y	M	C	W
0	1	2	3	4	5	6	7	8	9

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	— . . — .
Out	Out	Konets	

Note: M03 and M08a are defunct.

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zéro	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itzien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	. . — — —	Hai	To	Dwojka	Twso	Two
3	. . . — —	Ba	Fwee	Trojka	Drei	Three
4	 —	Bô'n	Fo	Cienciorka	Vier	Four
5		Năm	Fav	Pietiorka	Funuf	Fiver
6	—	Sáu	Six	Szest	Sechs	Six
7	— — . . .	Ba y	Seven	Siem	Sieben	Seven
8	— — — . .	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	—					
/	—					

Morse characters

A	. -	1	. - - - -	Full stop (period)	[.]	. - . - . -
B	- . . .	2	. . - - -	Comma	[,]	- - . . - -
C	- . - .	3	. . . - -	Colon	[:]	- - - . . .
D	- . .	4	 -	Question mark	[?]	. . - - . .
E	.	5		Exclamation mark	[!]	- . - . - -
F	. . - .	6	-	Apostrophe	[']	. - - - - .
G	- - .	7	- - . . .	Dash or Hyphen	[-]	- -
H		8	- - - . .	Slash	[/]	- . . - .
I	. .	9	- - - - .	Left-hand bracket	[(]	- . - - .
J	. - - -	0	- - - - -	Right-hand bracket	[)]	- . - - . -
K	- . -			Quotation marks	[" "]	. - . . - .
L	. - . .			Equals sign	[BT =]	- . . . -
M	- -	Accented letters		Understood		. . . - .
N	- .			Plus sign	[+]	. - . - .
O	- - -			Invitation to transmit		- . -
P	. - - .			Wait	[AS]	. - . . .
Q	- - - .			End of Transmission	[SK, VA]	. . . - . -
R	. - .			End of message	[AR]	. - . - .
S	. . .			Starting signal		- . . - .
T	-			Multiplication sign	[×]	- . . -
U	. . -			At sign	[@]	. - - . - .
V	. . . -			Break	[BK]	- . . . - .
W	. - -			Ampersand	[&]	. - . . .
X	- . . .					
Y	- . - -					
Z	- - . .					

See also

<http://udxf.nl/Morse-document.pdf>

<http://udxf.nl/Russian.pdf>

E11 family digital transmission modes.

Most modes are very much the same and have only very small differences.

FSK transmissions

F03a	FSK-2 100Bd/200Hz cf + 600Hz
F03b	FSK-2 200Bd/400Hz
F03c	FSK-2 400Bd/960Hz/cf +1120Hz/448-bit period
F03d	FSK-2 200Bd/400Hz/cf +600Hz/448-bit period
F03f	FSK-2 400Bd/800Hz/cf +1200Hz/496-bit period
F03g	BPSK 50Bd/1000Hz/464 bits
F03h	BPSK 100Bd/1000Hz/512 bits
F03i	FSK-2 100Bd/800Hz/cf +1200Hz/488-bit period
F03j	FSK-4 100Bd/400Hz/cf +1200Hz/448-bit period
F03k	FSK-2 400Bd/800Hz/cf +1200Hz/448-bit period
F03l	FSK-2 100Bd/200Hz/cf +700Hz/448-bit period
F11	FSK 100Bd/620Hz and FSK 100Bd/740Hz

PSK transmissions

P03	Undefined PSK
P03a	BPSK 62.5Bd
P03b	QPSK 62.5Bd
P03c	BPSK 125Bd
P03d	QPSK 125Bd/448-bit period
P03e	QPSK 100Bd/488-bit period
P03f	QPSK 200Bd/496-bit period
P03g	BPSK 50Bd/464-bit period
P03h	BPSK 100Bd/512-bit period
P03i	BPSK 62.5Bd/464-bit period
P03j	QPSK 100Bd/504-bit period
P03k	BPSK 100Bd/480-bit period
P03l	QPSK 100Bd/464-bit period

Notes:

- Bit Period is the time needed to transmit one bit
- Defunct modes F03a, F03b, F11, P03a, P03b, P03c

COLOPHON

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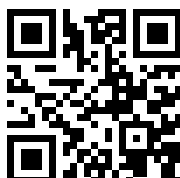
NUMBERS STATIONS SCHEDULES <http://priyom.org/number-stations/station-schedule>

To become an UDXF member go to <https://groups.io/g/UDXF> and follow the instructions.

To become a Spooks member go to <http://mailman.qth.net/mailman/listinfo/spooks> fill in the form and follow the instructions that will be mailed to you.

976 27364 92886 89428 61288 14982 30498 32704 81276 81
086 40932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 70
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 1
7591 87364 87265 96718 27638 12673 84769 28743 98127 0
758 63298 75698 27465 87326 49876 28376 81273 98615 86
667 87432 74328 78674 29867 32867 67867 86786 43276 498
657 68768 68763 34234 34238 68768 62342 48273 48768 230
736 98432 32432 86743 43286 43286 43286 43286 43286 432
743 86743 86743 39867 32867 86743 43286 43286 43243 86
751 86743 86743 86743 86743 86743 86743 86743 86743 86
753 98798 98754 98754 98754 98754 29867 67543 67986 86
756 87698 69876 87698 69876 87612 12341 34867 86798 652
667 43298 65656 56756 56123 32143 14321 32143 14321 321
668 82787 58765 76587 58765 76587 58765 76587 58756 765
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